



January 14, 2005

ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 3312  
1311 FOURTH STREET  
SANTA ROSA, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2004

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 3312, located at 1311 Fourth Street, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

A handwritten signature consisting of the letters "TRC" above a stylized, cursive line. Below the line is the handwritten name "Anju Farfan" followed by the initials "fjv".

Anju Farfan  
QMS Operations Manager

CC: Ms. Joan Fleck, RWQCB - North Coast Region  
Ms. Jennifer Johnston, ENSR International  
Mr. Steve Meeks, Delta Environmental

Enclosures  
20-0400/3312R05.QMS



**QUARTERLY MONITORING REPORT  
OCTOBER THROUGH DECEMBER 2004**

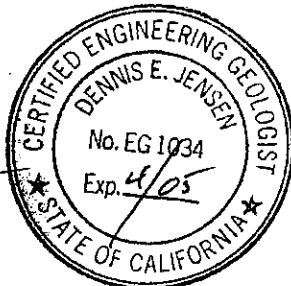
76 STATION 3312  
1311 Fourth Street  
Santa Rosa, California

Prepared For:

Mr. Thomas H. Kosel  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:

A handwritten signature in black ink, appearing to read "Dennis E. Jensen".



Senior Project Geologist, Irvine Operations  
January 14, 2005

## LIST OF ATTACHMENTS

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Coordinated Event Data	<p><i>Former Cloudburst Car Wash</i></p> <p>Table 1: Groundwater Level Data</p> <p>Table 2: Analytical Results: Groundwater</p> <p><i>Cambria Laboratory Data (B&amp;S Auto)</i></p> <p>Table 1: Groundwater Elevation Data and Analytical Results-Hydrocarbons/Oxygenates</p>
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Graphs	<p>Groundwater Elevations vs. Time</p> <p>Benzene Concentrations vs. Time</p>
Field Activities	<p>General Field Procedures</p> <p>Groundwater Sampling Field Notes</p>
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## Summary of Gauging and Sampling Activities

October 2004 through December 2004

76 Station 3312  
1311 Fourth Street  
Santa Rosa, CA

Project Coordinator: **Thomas H Kosei**  
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**  
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **12/14/04**

### **Sample Points**

Groundwater wells: **3** onsite, **7** offsite      Wells gauged: **6**      Wells sampled: **6**  
Purging method: **Diaphragm pump**  
Purge water disposal: **Onyx/Rodeo Unit 100**  
Other Sample Points: **2**      Type: **Other**

### **Liquid Phase Hydrocarbons (LPH)**

Wells with LPH: **0**      Maximum thickness (feet): **n/a**  
LPH removal frequency: **n/a**      Method: **n/a**  
Treatment or disposal of water/LPH: **n/a**

### **Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **18.33 feet**      Maximum: **20.12 feet**  
Average groundwater elevation (relative to available local datum): **161.38 feet**  
Average change in groundwater elevation since previous event: **2.49 feet**  
Interpreted groundwater gradient and flow direction:

Current event: **\*see notes below**

Previous event: **\*\*see notes below (09/14/04)**

### **Selected Laboratory Results**

Wells with detected **Benzene**: **4**      Wells above MCL (1.0 µg/l): **4**  
Maximum reported benzene concentration: **1,300 µg/l (U-3)**  
  
Wells with **TPPH 8260B**: **4**      Maximum: **11,000 µg/l (U-3)**  
Wells with **MTBE**: **2**      Maximum: **420 µg/l (U-3)**

### **Notes:**

\*Groundwater gradient 0.004 ft/ft southwest (shallow); 0.007 ft/ft southwest (deep). \*\*Previous groundwater gradient ranges from 0.02 ft/ft southwest to 0.005 ft/ft east (shallow); 0.01 ft/ft southwest (deep)

U-10=Unable to locate, U-6=Paved Over, U-7=Paved Over, U-8=Paved Over, WSW-700=Inaccessible - Property Gated, WSW-725=Water Supply Well,

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
$\mu\text{g/l}$	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
$\text{mg/l}$	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

### ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

### NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (D<sub>p</sub> x LPH Thickness), where D<sub>p</sub> is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.
9. Historical data has been validated for this report. Values presented in the following tables supercede those from previous reports.

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 3312 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**December 14, 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethyl- benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
<b>U-1</b> 12/14/04	180.20	18.52	0.00	161.68	2.72	--	6800	23	3.6	210	50	--	5.8	
<b>U-3</b> 12/14/04	180.38	18.59	0.00	161.79	2.77	--	11000	1300	11	400	340	--	420	
<b>U-4</b> 12/14/04	179.90	18.33	0.00	161.57	2.42	--	5700	62	ND<2.5	270	21	--	ND<2.5	
<b>U-5</b> 12/14/04	180.01	18.59	0.00	161.42	2.44	--	3900	23	3.0	80	190	--	ND<0.50	
<b>U-6</b> 12/14/04	180.77	--	--	--	--	--	--	--	--	--	--	--	--	Paved Over
<b>U-7</b> 12/14/04	179.81	--	--	--	--	--	--	--	--	--	--	--	--	Paved Over
<b>U-8</b> 12/14/04	179.85	--	--	--	--	--	--	--	--	--	--	--	--	Paved Over
<b>U-9</b> 12/14/04	180.19	20.12	0.00	160.07	2.02	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
<b>U-10</b> 12/14/04	180.54	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
<b>U-11</b> 12/14/04	181.09	19.33	0.00	161.76	2.56	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
<b>WSW-700</b> 12/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Property Gated
<b>WSW-725</b> 12/14/04	--	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	Water Supply Well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**

**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1 (Screen Interval in feet: 15.30)														
11/11/92	180.51	20.77	0.00	159.74	--	130000	--	8900	12000	2500	22000	--	--	--
01/14/93	180.51	16.07	0.00	164.44	4.70	100000	--	7700	8200	3000	17000	--	--	--
02/09/93	180.51	14.62	0.00	165.89	1.45	--	--	--	--	--	--	--	--	--
05/19/93	180.51	18.18	0.00	162.33	-3.56	--	--	--	--	--	--	--	--	--
06/22/93	180.51	18.71	0.00	161.80	-0.53	--	--	--	--	--	--	--	--	--
08/27/93	180.51	20.14	0.00	160.37	-1.43	--	--	--	--	--	--	--	--	--
12/16/93	180.27	18.06	0.00	162.21	1.84	80000	--	8000	6700	3700	16000	--	--	--
03/10/94	180.27	17.18	0.00	163.09	0.88	79000	--	60000	53000	3000	12000	2000	--	--
06/09/94	180.27	19.43	0.00	160.84	--	68000	--	5500	5100	2700	10000	--	--	--
09/08/94	180.27	21.20	0.02	159.09	-1.75	--	--	--	--	--	--	--	--	--
12/06/94	180.27	17.55	0.00	162.72	3.63	63000	--	6400	5700	3200	13000	--	--	--
03/09/95	180.28	13.22	0.00	167.06	4.34	49000	--	2800	1400	2000	4900	--	--	--
06/13/95	180.28	16.65	0.00	163.63	-3.43	47000	--	3300	2200	2200	6500	10000	--	--
09/14/95	180.20	19.96	0.00	160.24	-3.39	71000	--	4000	2800	2600	7800	ND	--	--
10/25/95	180.20	20.30	0.00	159.90	-0.34	72000	--	4000	3600	3400	13000	--	--	--
03/22/96	180.20	13.13	0.00	167.07	7.17	12000	--	680	820	170	3200	--	--	--
06/24/96	180.20	16.80	0.00	163.40	--	34000	--	1700	1300	1900	6500	--	--	--
09/26/96	180.20	20.05	0.00	160.15	-3.25	400000	--	1800	11000	8500	47000	ND	--	--
12/18/96	180.20	16.82	0.00	163.38	3.23	28000	--	1200	550	1400	4400	ND	--	--
03/24/97	180.20	16.23	0.00	163.97	0.59	25000	--	1100	360	1500	3300	ND	--	--
06/24/97	180.20	19.46	0.00	160.74	-3.23	22000	--	540	260	1100	3000	ND	--	--
09/26/97	180.20	20.41	0.00	159.79	-0.95	36000	--	1200	670	2100	5200	ND	--	--

**Table 2**  
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**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1 continued														
12/1/6/97	180.20	16.32	0.00	163.88	4.09	28000	--	610	210	1100	3000	ND	--	
03/11/98	180.20	11.65	0.00	168.55	4.67	2400	--	26	ND	ND	24	160	--	
06/15/98	180.20	15.77	0.00	164.43	-4.12	24000	--	660	440	990	3000	560	57	
09/23/98	180.20	20.19	0.00	160.01	-4.42	18300	--	33.6	89.9	1070	2080	285	92	
12/28/98	180.20	18.35	0.00	161.85	1.84	21000	--	420	ND	ND	2500	ND	--	
03/19/99	180.20	13.30	0.00	166.90	5.05	18000	--	680	ND	ND	730	1500	ND	--
06/21/99	180.20	17.90	0.00	162.30	-4.60	23000	--	330	190	820	1900	ND	--	
09/30/99	180.20	20.65	0.00	159.55	-2.75	47000	--	1300	ND	2200	5600	1300	24	
12/20/99	180.20	19.79	0.00	160.41	0.86	44300	--	84.8	ND	355	995	ND	--	
03/17/00	180.20	12.67	0.00	167.53	7.12	11100	--	261	27.3	397	805	ND	--	
06/22/00	180.20	17.77	0.00	162.43	-5.10	13000	--	210	94	460	920	210	--	
07/12/00	180.20	18.70	0.00	161.50	-0.93	--	--	--	--	--	--	--	--	
10/10/00	180.20	20.45	0.00	159.75	-4.75	22000	--	130	ND	120	1200	--	--	
12/14/00	180.20	19.58	0.00	160.62	0.87	470	--	4.8	ND	2.0	9.3	11	--	
03/14/01	180.20	15.33	0.00	164.87	4.25	10000	--	170	26	470	990	510	--	
06/13/01	180.20	19.18	0.00	161.02	--	42000	--	ND	85	300	1600	170	ND	
09/19/01	180.20	21.20	0.00	159.00	-2.02	12000	--	81	230	430	1500	390	10	
12/19/01	180.20	14.75	0.00	165.45	6.45	4500	--	53	ND<25	59	130	200	ND<4.0	
03/13/02	180.20	14.82	0.00	165.38	-0.07	1100	--	ND<10	ND<10	13	31	76	2.3	
06/12/02	180.20	18.90	0.00	161.30	-4.08	610	--	6.8	1.4	2	2.4	17	ND<2.0	
09/11/02	180.20	20.75	0.00	159.45	-1.85	1800	--	27	ND<10	26	28	60	--	
12/11/02	180.20	20.31	0.00	159.89	0.44	4300	--	50	ND<20	160	ND<20	ND<80	--	
03/17/03	180.20	15.38	0.00	164.82	4.93	840	--	13	1.3	26	16	27	2.1	
06/17/03	180.20	17.67	0.00	162.53	-2.29	200	--	2.3	ND<0.50	1.8	1.4	7	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G 8260B	TPPH	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
U-1 continued														
09/15/03	180.20	20.31	0.00	159.89	-2.64	--	1800	ND<2.5	ND<2.5	21	6.7	--	ND<10	
12/15/03	180.20	18.40	0.00	161.80	1.91	--	6200	11	2.8	150	64	--	ND<10	
03/16/04	180.20	14.33	0.00	165.87	4.07	--	11000	36	6.1	230	350	--	ND<10	
06/14/04	180.20	19.29	0.00	160.91	-4.96	--	4300	19	4.6	110	88	--	2.9	
09/14/04	180.20	21.24	0.00	158.96	-1.95	--	5600	9.3	3.3	88	63	--	3.8	
12/14/04	180.20	18.52	0.00	161.68	2.72	--	6800	23	3.6	210	50	--	5.8	
U-2														
						(Screen Interval in feet: DNA)								
11/11/92	180.81	20.97	0.00	159.84	--	150000	--	9800	18000	3800	25000	--	--	--
01/14/93	180.81	15.74	0.00	165.07	5.23	87000	--	7600	6200	2600	13000	--	--	--
02/09/93	180.81	14.57	0.00	166.24	1.17	--	--	--	--	--	--	--	--	--
05/19/93	180.81	18.23	0.00	162.58	-3.66	--	--	--	--	--	--	--	--	--
06/22/93	180.81	18.83	0.00	161.98	-0.60	--	--	--	--	--	--	--	--	--
08/27/93	180.81	20.29	0.00	160.52	-1.46	--	--	--	--	--	--	--	--	--
12/16/93	180.50	18.06	0.00	162.44	1.92	39000	--	5200	3400	2400	6300	--	--	--
03/10/94	180.50	17.22	0.00	163.28	0.84	53000	--	4800	3300	2300	6400	1400	--	--
06/09/94	180.50	19.33	0.00	161.17	--	52000	--	4200	3100	2300	6700	--	--	--
09/08/94	180.50	21.30	0.01	159.21	-1.96	--	--	--	--	--	--	--	--	--
12/06/94	180.50	17.60	0.00	162.90	3.69	59000	--	5300	5200	2900	8500	--	--	--
03/09/95	180.50	12.55	0.00	167.95	5.05	56000	--	2500	3000	1800	6800	--	--	--
06/13/95	180.50	16.72	0.00	163.78	-4.17	36000	--	3100	2400	2300	7700	1200	--	--
09/14/95	180.49	20.14	0.00	160.35	-3.43	39000	--	2800	1900	2100	5900	ND	--	--
10/25/95	180.49	20.46	0.00	160.03	-0.32	73000	--	4200	4600	3600	16000	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-2 continued														
03/22/96	180.49	13.06	0.00	167.43	7.40	28000	--	1800	320	1400	6500	200	--	
06/24/96	180.49	17.21	0.00	163.28	--	31000	--	2500	1600	2100	5500	--	--	
09/26/96	180.49	20.54	0.00	159.95	-3.33	80000	--	3000	2400	2600	9200	700	--	
12/18/96	180.49	16.98	0.00	163.51	3.56	89000	--	3400	2600	3200	11000	ND	--	
03/24/97	180.49	16.21	0.00	164.28	0.77	35000	--	1900	1600	2000	6700	ND	--	
06/24/97	180.49	19.78	0.00	160.71	-3.57	24000	--	1800	900	1900	4800	ND	--	
09/26/97	180.49	21.23	0.00	159.26	-1.45	28000	--	1900	810	2000	5700	ND	--	
12/16/97	180.49	16.45	0.00	164.04	4.78	42000	--	2700	1400	2600	9700	ND	--	
03/11/98	180.49	11.73	0.00	168.76	4.72	34000	--	2300	1300	1200	13000	ND	--	
06/15/98	180.49	--	--	--	--	--	--	--	--	--	--	--	--	
12/28/98	180.49	--	--	--	--	--	--	--	--	--	--	--	--	
03/19/99	180.49	--	--	--	--	--	--	--	--	--	--	--	--	
06/21/99	180.49	--	--	--	--	--	--	--	--	--	--	--	--	
09/30/99	180.49	--	--	--	--	--	--	--	--	--	--	--	--	
03/17/00	180.49	--	--	--	--	--	--	--	--	--	--	--	--	
U-3		(Screen Interval in feet: 15-30)												
11/11/92	180.90	20.91	0.01	160.00	--	--	--	--	--	--	--	--	--	--
01/14/93	180.90	15.64	0.00	165.26	5.26	69000	--	14000	4000	1700	7500	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-3 continued														
02/09/93	180.90	14.49	0.00	166.41	1.15	--	--	--	--	--	--	--	--	--
05/19/93	180.90	18.27	0.00	162.63	-3.78	--	--	--	--	--	--	--	--	--
06/22/93	180.90	18.84	0.00	162.06	-0.57	--	--	--	--	--	--	--	--	--
08/27/93	180.90	20.40	0.03	160.52	-1.54	--	--	--	--	--	--	--	--	--
12/16/93	180.42	17.83	0.01	162.60	2.07	--	--	--	--	--	--	--	--	--
03/10/94	180.42	17.09	0.02	163.35	0.75	--	--	--	--	--	--	--	--	--
06/09/94	180.42	19.05	0.02	161.38	--	--	--	--	--	--	--	--	--	--
09/08/94	180.42	21.38	0.24	159.22	-2.17	--	--	--	--	--	--	--	--	--
12/06/94	180.42	17.40	0.01	163.03	3.81	--	--	--	--	--	--	--	--	--
03/09/95	180.42	12.11	0.00	168.31	5.28	78000	--	8200	4000	1500	8800	--	--	--
06/13/95	180.42	16.61	0.01	163.82	-4.49	--	--	--	--	--	--	--	--	--
09/14/95	180.38	19.98	0.01	160.41	-3.41	--	--	--	--	--	--	--	--	--
10/25/95	180.38	20.15	0.00	160.23	-0.18	--	--	--	--	--	--	--	--	--
03/22/96	180.38	12.67	0.00	167.71	7.48	--	--	--	--	--	--	--	--	--
06/24/96	180.38	16.81	0.01	163.58	--	--	--	--	--	--	--	--	--	--
09/26/96	180.38	20.41	0.00	159.97	-3.61	610	--	11	6.9	4.7	19	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-3 continued														
12/18/96	180.38	16.78	0.00	163.60	3.63	33000	--	4400	670	1000	3100	ND	--	
03/24/97	180.38	16.05	0.00	164.33	0.73	66000	--	2900	850	850	2400	ND	--	
06/24/97	180.38	19.65	0.00	160.73	-3.60	150000	--	3900	1100	1200	5000	ND	--	
09/26/97	180.38	21.08	0.00	159.30	-1.43	77000	--	7200	2700	2000	10000	2800	--	
12/16/97	180.38	16.25	0.00	164.13	4.83	53000	--	3700	790	1100	4500	1300	--	
03/11/98	180.38	11.45	0.00	168.93	4.80	20000	--	2700	390	ND	5600	1400	--	
06/15/98	180.38	15.65	0.00	164.73	-4.20	30000	--	4200	300	930	2700	4900	--	
09/23/98	180.38	20.35	0.00	160.03	-4.70	22200	--	2890	282	799	1770	2370	2200	
12/28/98	180.38	18.34	0.00	162.04	2.01	20000	--	2300	250	760	1800	1300	1400	
03/19/99	180.38	13.13	0.00	167.25	5.21	25000	--	2000	ND	710	3200	2300	--	
06/21/99	180.38	17.91	0.00	162.47	-4.78	19000	--	1900	140	710	1200	980	900	
09/30/99	180.38	20.84	0.00	159.54	-2.93	20000	--	1900	ND	550	1400	790	--	
12/20/99	180.38	19.95	0.00	160.43	0.89	55300	--	1600	307	1520	5120	1610	680	
03/17/00	180.38	12.52	0.00	167.86	7.43	20900	--	1170	115	635	1540	ND	--	
06/22/00	180.38	17.73	0.00	162.65	-5.21	21000	--	1500	77	710	1500	940	620	
07/12/00	180.38	18.81	0.00	161.57	-1.08	--	--	--	--	--	--	--	--	
10/10/00	180.38	20.58	0.00	159.80	-1.77	31000	--	1800	ND	1200	2800	ND	--	
12/14/00	180.38	19.83	0.00	160.55	0.75	11000	--	630	52	590	1000	500	150	
03/14/01	180.38	15.25	0.00	165.13	4.58	9300	--	1200	35	530	890	1000	690	
06/12/01	180.38	19.30	0.00	161.08	-4.05	30000	--	960	56	870	1400	500	270	
09/19/01	180.38	21.46	0.02	158.94	--	30000	--	730	ND<100	1300	3200	680	190	
12/19/01	180.38	14.60	0.00	165.78	6.84	65000	--	980	ND<200	1700	4100	ND<1000	--	
03/13/02	180.38	14.81	0.00	165.57	-0.21	66000	--	640	ND<100	880	2200	ND<500	--	
06/12/02	180.38	19.04	0.00	161.34	-4.23	7700	--	460	ND<50	370	430	390	53	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>U-3 continued</b>														
09/11/02	180.38	21.02	0.00	159.36	-1.98	13000	--	800	ND<100	980	1400	ND<500	--	
12/11/02	180.38	20.63	0.00	159.75	0.39	13000	--	480	ND<100	690	ND<100	ND<400	--	
03/17/03	180.38	15.28	0.00	165.10	5.35	6900	--	820	12	430	340	140	80	
06/17/03	180.38	17.72	0.00	162.66	-2.44	5600	--	520	11	390	280	200	36	
09/15/03	180.38	20.42	0.00	159.96	-2.70	--	10000	420	10	530	360	--	40	
12/15/03	180.38	18.43	0.00	161.95	1.99	--	7400	530	8.9	310	150	--	150	
03/16/04	180.38	14.16	0.00	166.22	4.27	--	7800	1100	10	410	350	--	170	
06/14/04	180.38	19.45	0.00	160.93	-5.29	--	1400	93	1.2	78	57	--	9.4	
09/14/04	180.38	21.36	0.00	159.02	-1.91	--	12000	910	ND<10	460	310	--	220	
12/14/04	180.38	18.59	0.00	161.79	2.77	--	11000	1300	11	400	340	--	420	
<b>U-4 (Screen Interval in feet: 13-28)</b>														
11/11/92	180.18	20.52	0.00	159.66	--	19000	--	400	87	1200	1500	--	--	
01/14/93	180.18	15.45	0.00	164.73	5.07	14000	--	180	56	640	980	--	--	
02/09/93	180.18	14.33	0.00	165.85	1.12	--	--	--	--	--	--	--	--	
05/19/93	180.18	17.87	0.00	162.31	-3.54	--	--	--	--	--	--	--	--	
06/22/93	180.18	18.44	0.00	161.74	-0.57	16000	--	150	60	1000	1400	--	--	
08/27/93	180.18	19.83	0.00	160.35	-1.39	13000	--	210	73	770	1100	--	--	
12/16/93	179.91	17.87	0.00	162.04	1.69	20000	--	150	56	850	1300	--	--	
03/10/94	179.91	16.96	0.00	162.95	0.91	19000	--	520	120	960	1400	110	--	
06/09/94	179.91	19.28	0.00	160.63	--	12000	--	270	92	610	900	--	--	
09/08/94	179.91	20.78	0.00	159.13	-1.50	20000	--	280	120	790	980	--	--	
12/06/94	179.91	17.45	0.00	162.46	3.33	12000	--	200	79	710	780	--	--	
03/09/95	179.91	13.25	0.00	166.66	4.20	15000	--	160	49	640	770	--	--	
06/13/95	179.91	16.45	0.00	163.46	-3.20	7700	--	140	ND	470	470	120	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-4 continued														
09/14/95	179.90	19.68	0.00	160.22	-3.24	6000	—	110	31	360	400	ND	—	
10/25/95	179.90	20.28	0.00	159.62	-0.60	9900	—	270	62	630	690	—	—	
03/22/96	179.90	13.02	0.00	166.88	7.26	260	—	2.9	1.1	2.6	4.4	ND	—	
06/24/96	179.90	16.95	0.00	162.95	—	6900	—	210	66	580	600	—	—	
09/26/96	179.90	20.08	0.00	159.82	-3.13	12000	—	240	44	640	670	ND	—	
12/18/96	179.90	16.90	0.00	163.00	3.18	12000	—	370	55	760	900	ND	—	
03/24/97	179.90	16.05	0.00	163.85	0.85	14000	—	400	95	880	1100	ND	—	
06/24/97	179.90	19.17	0.00	160.73	-3.12	4800	—	190	34	400	400	55	—	
09/26/97	179.90	20.62	0.00	159.28	-1.45	8500	—	290	39	640	600	88	—	
12/16/97	179.90	16.40	0.00	163.50	4.22	16000	—	510	78	1100	1300	870	—	
03/11/98	179.90	11.61	0.00	168.29	4.79	8000	—	690	67	ND	1100	ND	—	
06/15/98	179.90	15.74	0.00	164.16	-4.13	8700	—	280	ND	640	770	430	—	
09/23/98	179.90	19.96	0.00	159.94	-4.22	16800	—	344	89	996	1060	ND	ND	
12/28/98	179.90	18.33	0.00	161.57	1.63	16800	—	344	89	996	1060	ND	—	
03/19/99	179.90	13.58	0.00	166.32	4.75	16000	—	1100	83	1000	1300	860	—	
06/21/99	179.90	17.81	0.00	162.09	-4.23	16000	—	890	45	1300	1100	110	—	
09/30/99	179.90	20.40	0.00	159.50	-2.59	19000	—	790	ND	1000	1100	110	—	
12/20/99	179.90	19.66	0.00	160.24	0.74	19200	—	560	ND	995	924	ND	—	
03/17/00	179.90	12.68	0.00	167.22	6.98	17000	—	1290	63.9	1350	1190	586	52.8	
06/22/00	179.90	17.67	0.00	162.23	-4.99	5200	—	340	ND	590	360	230	—	
07/12/00	179.90	18.58	0.00	161.32	-0.91	—	—	—	—	—	—	—	—	
10/10/00	179.90	20.23	0.00	159.67	-1.65	17000	—	650	17	960	710	970	25	
12/14/00	179.90	19.64	0.00	160.26	0.59	350	—	4.9	ND	1.5	ND	18	—	
03/14/01	179.90	15.28	0.00	164.62	4.36	9600	—	450	ND	970	660	990	—	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>U-4 continued</b>														
06/13/01	179.90	19.02	0.00	160.88	--	52000	--	--	ND	470	410	ND	--	
09/19/01	179.90	20.80	0.00	159.10	-1.78	5700	--	400	13	520	130	520	48	
12/19/01	179.90	14.71	0.00	165.19	6.09	6700	--	180	15	500	210	660	ND<10	
03/13/02	179.90	14.84	0.00	165.06	-0.13	98	--	ND<0.50	ND<0.50	1.2	ND<0.50	ND<2.5	--	
06/12/02	179.90	18.77	0.00	161.13	-3.93	1900	--	50	ND<10	76	18	86	ND<2.0	
09/11/02	179.90	20.27	0.00	159.63	-1.50	380	--	9.1	ND<0.50	3.3	0.72	15	--	
12/11/02	179.90	20.23	0.00	159.67	0.04	57000	--	920	ND<100	1300	ND<100	1900	ND<40	
03/17/03	179.90	15.37	0.00	164.53	4.86	130	--	1.6	ND<0.50	ND<0.50	ND<0.50	3.6	ND<2.0	
06/17/03	179.90	17.58	0.00	162.32	-2.21	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
09/15/03	179.90	20.13	0.00	159.77	-2.55	--	970	2.2	45	17	92	--	ND<2.0	
12/15/03	179.90	18.13	0.00	161.77	2.00	--	6200	82	ND<10	460	43	--	ND<40	
03/16/04	179.90	14.09	0.00	165.81	4.04	--	2600	38	ND<2.5	150	21	--	ND<10	
06/14/04	179.90	18.99	0.00	160.91	-4.90	--	3800	12	ND<2.5	190	23	--	ND<2.5	
09/14/04	179.90	20.75	0.00	159.15	-1.76	--	4300	130	3.5	420	78	--	20	
12/14/04	179.90	18.33	0.00	161.57	2.42	--	5700	62	ND<2.5	270	21	--	ND<2.5	
<b>U-5 (Screen Interval in feet: 13-28)</b>														
11/11/92	180.37	20.69	0.00	159.68	--	7100	--	610	42	250	520	--	--	
01/14/93	180.37	14.80	0.00	165.57	5.89	8000	--	620	180	360	550	--	--	
02/09/93	180.37	14.25	0.00	166.12	0.55	--	--	--	--	--	--	--	--	
05/19/93	180.37	17.73	0.00	162.64	-3.48	--	--	--	--	--	--	--	--	
06/22/93	180.37	18.45	0.00	161.92	-0.72	4200	--	410	23	280	300	--	--	
08/27/93	180.37	19.88	0.00	160.49	-1.43	3900	--	310	54	220	250	--	--	
12/16/93	180.01	17.73	0.00	162.28	1.79	6400	--	290	56	280	590	--	--	
03/10/94	180.01	16.79	0.00	163.22	0.94	5300	--	290	22	230	190	54	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-5 continued														
06/09/94	180.01	18.82	0.00	161.19	-	5600	--	340	54	290	450	--	--	
09/08/94	180.01	20.82	0.00	159.19	-2.00	3400	--	200	34	130	180	--	--	
12/06/94	180.01	17.26	0.00	162.75	3.56	3400	--	230	58	40	340	--	--	
03/09/95	180.01	11.20	0.00	168.81	6.06	4400	--	190	56	180	350	--	--	
06/13/95	180.01	16.21	0.00	163.80	-5.01	6300	--	270	97	310	460	ND	--	
09/14/95	180.01	19.69	0.00	160.32	-3.48	1800	--	63	8.6	86	89	ND	--	
10/25/95	180.01	19.99	0.00	160.02	-0.30	3900	--	92	8.8	120	190	--	--	
03/22/96	180.01	12.37	0.00	167.64	7.62	ND	--	1.6	ND	ND	1.9	ND	--	
06/24/96	180.01	16.78	0.00	163.23	--	1800	--	74	22	100	150	--	--	
09/26/96	180.01	20.12	0.00	159.89	-3.34	1700	--	27	18	25	36	--	--	
12/18/96	180.01	16.78	0.00	163.23	3.34	1400	--	91	11	56	110	9.8	--	
03/24/97	180.01	15.70	0.00	164.31	1.08	2800	--	91	15	98	230	ND	--	
06/24/97	180.01	19.35	0.00	160.66	-3.65	1000	--	33	ND	26	45	ND	--	
09/26/97	180.01	20.78	0.00	159.23	-1.43	760	--	28	ND	24	54	41	--	
12/16/97	180.01	16.05	0.00	163.96	4.73	1600	--	85	11	65	180	ND	--	
03/11/98	180.01	11.02	0.00	168.99	5.03	ND	--	ND	ND	ND	ND	ND	--	
06/15/98	180.01	15.38	0.00	164.63	-4.36	1700	--	71	10	100	210	70	--	
09/23/98	180.01	20.02	0.00	159.99	-4.64	9870	--	45.7	ND	88.9	230	ND	--	
12/28/98	180.01	18.23	0.00	161.78	1.79	1500	--	49	ND	33	76	ND	--	
03/19/99	180.01	12.79	0.00	167.22	5.44	2200	--	71	ND	77	210	ND	--	
06/21/99	180.01	17.58	0.00	162.43	-4.79	1900	--	47	ND	54	120	ND	--	
09/30/99	180.01	20.51	0.00	159.50	-2.93	1700	--	44	ND	38	110	26	--	
12/20/99	180.01	19.63	0.00	160.38	0.88	4690	--	70.3	ND	92.9	199	ND	--	
03/17/00	180.01	12.22	0.00	167.79	7.41	1620	--	56.5	8.7	89.5	189	43.7	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>U-5 continued</b>														
06/22/00	180.01	17.63	0.00	162.38	-5.41	1200	--	34	6.4	63	110	28	--	
07/12/00	180.01	18.53	0.00	161.48	-0.90	--	--	--	--	--	--	--	--	
10/10/00	180.01	20.27	0.00	159.74	-1.74	6500	--	96	12	64	370	160	--	
12/14/00	180.01	19.35	0.00	160.66	0.92	ND	--	ND	ND	ND	ND	ND	--	
03/14/01	180.01	15.13	0.00	164.88	4.22	600	--	25	2.4	36	66	43	--	
06/12/01	180.01	19.06	0.00	160.95	-3.93	630	--	4.1	--	7.7	11	3.2	1.1	
09/19/01	180.01	20.98	0.00	159.03	--	1300	--	28	7.4	52	86	98	ND<2.0	
12/19/01	180.01	14.33	0.00	165.68	6.65	1100	--	36	4.3	56	100	90	ND<5.0	
03/13/02	180.01	14.53	0.00	165.48	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	1	ND<2.5	--	
06/12/02	180.01	18.72	0.00	161.29	-4.19	ND<50	--	0.59	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/11/02	180.01	20.83	0.00	159.18	-2.11	1300	--	54	ND<10	47	60	ND<50	--	
12/11/02	180.01	20.34	0.00	159.67	0.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
03/17/03	180.01	14.97	0.00	165.04	5.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
06/17/03	180.01	17.51	0.00	162.50	-2.54	ND<50	--	1.3	ND<0.50	ND<0.50	1.9	ND<2.0	--	
09/15/03	180.01	20.11	0.00	159.90	-2.60	--	670	14	ND<2.5	29	34	--	ND<10	
12/15/03	180.01	18.33	0.00	161.68	1.78	--	1600	13	ND<2.5	39	79	--	ND<10	
03/16/04	180.01	13.88	0.00	166.13	4.45	--	580	9.3	0.93	25	41	--	ND<2.0	
06/14/04	180.01	19.20	0.00	160.81	-5.32	--	1500	9.9	0.66	24	20	--	ND<0.50	
09/14/04	180.01	21.03	0.00	158.98	-1.83	--	1400	5.3	0.70	9.0	13	--	ND<0.50	
12/14/04	180.01	18.59	0.00	161.42	2.44	--	3900	23	3.0	80	190	--	ND<0.50	
<b>U-6 (Screen Interval in feet: 15-28)</b>														
11/11/92	181.08	21.07	0.00	160.01	--	64000	--	7900	980	2300	7900	--	--	
01/14/93	181.08	15.56	0.00	165.52	5.51	48000	--	6900	880	1800	5100	--	--	
02/09/93	181.08	14.83	0.00	166.25	0.73	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-6 continued														
05/19/93	181.08	18.40	0.00	162.68	-3.57	--	--	--	--	--	--	--	--	--
06/22/93	181.08	19.02	0.00	162.06	-0.62	52000	--	6200	620	2900	9700	--	--	--
08/27/93	181.08	20.48	0.00	160.60	-1.46	31000	--	5600	490	2200	3900	--	--	--
12/16/93	180.78	18.20	0.00	162.58	1.98	35000	--	4400	350	2000	4500	--	--	--
03/10/94	180.78	17.41	0.00	163.37	0.79	31000	--	4100	420	1700	4200	1200	--	--
06/09/94	180.78	19.38	0.00	161.40	--	39000	--	3200	360	1700	4000	--	--	--
09/08/94	180.78	21.52	0.00	159.26	-2.14	42000	--	3600	460	1800	4600	--	--	--
12/06/94	180.78	17.76	0.00	163.02	3.76	26000	--	2500	260	1200	2700	--	--	--
03/09/95	180.73	12.05	0.00	168.68	5.66	31000	--	2900	360	1700	4400	--	--	--
06/13/95	180.73	16.53	0.00	164.20	-4.48	25000	--	2100	240	1500	3500	130	--	--
09/14/95	180.77	20.35	0.00	160.42	-3.78	18000	--	2100	180	1400	2700	ND	--	--
10/25/95	180.77	20.58	0.00	160.19	-0.23	25000	--	2500	230	1700	3700	--	--	--
03/22/96	180.77	13.08	0.00	167.69	7.50	6100	--	580	36	350	780	--	--	--
06/24/96	180.77	17.40	0.00	163.37	--	14000	--	1500	140	1200	2200	--	--	--
09/26/96	180.77	20.78	0.00	159.99	-3.38	91000	--	1800	150	1900	3300	ND	--	--
12/18/96	180.77	17.15	0.00	163.62	3.63	17000	--	1300	190	1200	2300	ND	--	--
03/24/97	180.77	16.37	0.00	164.40	0.78	11000	--	690	ND	820	1400	ND	--	--
06/24/97	180.77	19.98	0.00	160.79	-3.61	13000	--	770	77	920	1700	ND	--	--
09/26/97	180.77	21.48	0.00	159.29	-1.50	11000	--	1100	110	970	1800	270	--	--
12/16/97	180.77	16.54	0.00	164.23	4.94	15000	--	710	ND	760	1500	ND	--	--
03/11/98	180.77	11.84	0.00	168.93	4.70	290	--	16	3.1	ND	96	--	--	--
06/15/98	180.77	15.95	0.00	164.82	-4.11	9300	--	380	ND	770	1300	270	--	--
09/23/98	180.77	20.69	0.00	160.08	-4.74	5950	--	23.2	ND	94.8	168	ND	ND	ND
12/28/98	180.77	18.70	0.00	162.07	1.99	6900	--	320	29	620	1100	33	ND	ND

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-6 continued														
03/19/99	180.77	13.45	0.00	167.32	5.25	12000	--	350	ND	500	940	ND	--	
06/21/99	180.77	18.21	0.00	162.56	-4.76	8300	--	130	ND	450	620	ND	--	
09/30/99	180.77	21.18	0.00	159.59	-2.97	10000	--	170	ND	410	820	ND	24	
12/20/99	180.77	20.24	0.00	160.53	0.94	11500	--	88.3	ND	264	393	ND	--	
03/17/00	180.77	12.85	0.00	167.92	7.39	7800	--	266	23.8	530	760	179	--	
06/22/00	180.77	18.13	0.00	162.64	-5.28	5800	--	130	15	320	400	200	--	
07/12/00	180.77	19.15	0.00	161.62	-1.02	--	--	--	--	--	--	--	--	
10/10/00	180.77	20.96	0.00	159.81	-1.81	4600	--	37	ND	42	300	150	--	
12/14/00	180.77	19.98	0.00	160.79	0.98	1500	--	43	ND	54	33	64	--	
03/14/01	180.77	15.62	0.00	165.15	4.36	6000	--	200	19	470	670	330	--	
06/13/01	180.77	19.65	0.00	161.12	--	8600	--	25	ND	160	220	26	ND	
09/19/01	180.77	21.76	0.00	159.01	-2.11	6600	--	130	16	340	480	450	4	
12/19/01	180.77	14.93	0.00	165.84	6.83	6500	--	140	15	380	500	310	6.8	
03/13/02	180.77	15.14	0.00	165.63	-0.21	190	--	1.4	ND<0.50	7.5	7.4	3	ND<2.0	
06/12/02	180.77	19.38	0.00	161.39	-4.24	2800	--	51	ND<10	94	110	120	ND<2.0	
09/11/02	180.77	21.36	0.00	159.41	-1.98	3300	--	79	11	110	100	100	ND<50	
12/11/02	180.77	20.97	0.00	159.80	0.39	14000	--	280	ND<25	410	190	310	ND<2.0	
03/17/03	180.77	15.62	0.00	165.15	5.35	ND<50	--	1.7	ND<0.50	1.5	1.2	--	ND<2.0	
06/17/03	180.77	18.08	0.00	162.69	-2.46	100	--	6.0	ND<0.50	7.2	6.4	2.5	ND<2.0	
09/15/03	180.77	20.79	0.00	159.98	-2.71	--	2700	22	ND<2.5	34	29	--	ND<10	
12/15/03	180.77	18.83	0.00	161.94	1.96	--	3700	34	3.5	170	120	--	ND<10	
03/16/04	180.77	14.51	0.00	166.26	4.32	--	3400	58	4.6	200	190	--	ND<10	
06/14/04	180.77	19.80	0.00	160.97	-5.29	--	1700	12	ND<2.5	83	60	--	ND<2.5	
09/14/04	180.77	21.74	0.00	159.03	-1.94	--	3800	51	5.3	250	230	--	ND<2.5	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8260B	TPPH 8260B	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	( $\mu\text{g/l}$ )	Paved Over							
<b>U-6 continued</b>														
12/14/04	180.77	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>U-7 (Screen Interval in feet: 10-30)</b>														
06/22/93	179.82	19.14	0.00	160.68	--	54	--	ND	ND	1.4	2.3	--	--	--
08/27/93	179.82	20.59	0.00	159.23	-1.45	70	--	ND	ND	0.81	0.77	--	--	--
12/16/93	179.37	18.95	0.00	160.42	1.19	50	--	2	ND	1.3	1.1	--	--	--
03/10/94	179.37	17.43	0.00	161.94	1.52	96	--	4.5	ND	ND	0.52	1.1	--	--
06/09/94	179.37	19.79	0.00	159.58	--	89	--	ND	ND	1.3	1.7	--	--	--
09/08/94	179.37	21.06	0.00	158.31	-1.27	120	--	0.8	0.61	2.9	4.1	--	--	--
12/06/94	179.37	18.50	0.00	160.87	2.56	93	--	ND	ND	1.9	2.6	--	--	--
03/09/95	179.82	11.83	0.00	167.99	7.12	ND	--	ND	ND	ND	ND	--	--	--
06/13/95	179.82	16.85	0.00	162.97	-5.02	ND	--	ND	ND	2.8	ND	0.73	1.1	--
09/14/95	179.81	20.42	0.00	159.39	-3.58	ND	--	ND	ND	ND	ND	ND	1.8	--
10/25/95	179.81	21.02	0.00	158.79	-0.60	--	--	ND	ND	ND	ND	ND	ND	--
03/22/96	179.81	13.01	0.00	166.80	8.01	ND	--	ND	ND	ND	ND	ND	ND	--
06/24/96	179.81	17.60	0.00	162.21	--	ND	--	ND	ND	ND	ND	ND	ND	--
09/26/96	179.81	20.77	0.00	159.04	-3.17	ND	--	ND	ND	ND	ND	0.68	0.53	--
12/18/96	179.81	18.14	0.00	161.67	2.63	ND	--	ND	ND	ND	ND	ND	ND	8.2
03/24/97	179.81	16.34	0.00	163.47	1.80	ND	--	ND	ND	ND	ND	ND	ND	--
06/24/97	179.81	19.90	0.00	159.91	-3.56	ND	--	ND	ND	ND	ND	ND	ND	--
09/26/97	179.81	21.25	0.00	158.56	-1.35	ND	--	ND	ND	ND	ND	ND	ND	--
12/16/97	179.81	17.60	0.00	162.21	3.65	ND	--	ND	ND	ND	ND	ND	6	--
03/11/98	179.81	11.48	0.00	168.33	6.12	ND	--	ND	ND	ND	ND	ND	ND	--
06/15/98	179.81	16.57	0.00	163.24	-5.09	ND	--	ND	ND	ND	ND	ND	9.4	8.1
09/23/98	179.81	20.37	0.00	159.44	-3.80	ND	--	ND	ND	ND	ND	ND	3.43	4.1

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-7 continued														
12/28/98	179.81	19.20	0.00	160.61	1.17	ND	--	1	ND	ND	ND	ND	7.4	5.1
03/19/99	179.81	13.52	0.00	166.29	5.68	ND	--	ND	ND	ND	ND	ND	ND	--
06/21/99	179.81	18.45	0.00	161.36	-4.93	ND	--	ND	ND	ND	ND	ND	7.5	--
09/30/99	179.81	20.90	0.00	158.91	-2.45	ND	--	ND	ND	ND	ND	ND	7.3	--
12/20/99	179.81	20.70	0.00	159.11	0.20	ND	--	ND	ND	ND	ND	ND	ND	--
03/17/00	179.81	13.03	0.00	166.78	7.67	ND	--	ND	ND	ND	ND	ND	ND	--
06/22/00	179.81	18.51	0.00	161.30	-5.48	ND	--	ND	ND	ND	ND	ND	5.7	--
07/12/00	179.81	19.32	0.00	160.49	-0.81	--	--	--	--	--	--	--	--	--
10/10/00	179.81	20.90	0.00	158.91	-1.58	ND	--	ND	ND	ND	ND	ND	ND	--
12/14/00	179.81	20.73	0.00	159.08	0.17	ND	--	ND	ND	ND	ND	ND	3.9	--
03/14/01	179.81	16.48	0.00	163.33	4.25	ND	--	ND	ND	ND	ND	ND	2.9	--
06/13/01	179.81	19.95	0.00	159.86	--	ND	--	ND	ND	ND	ND	ND	4.7	3.8
09/19/01	179.81	20.91	0.00	158.90	-0.96	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	2.8	2.6
12/19/01	179.81	15.29	0.00	164.52	5.62	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
03/13/02	179.81	14.78	0.00	165.03	0.51	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
06/12/02	179.81	19.49	0.00	160.32	-4.71	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.0	--
09/11/02	179.81	21.01	0.00	158.80	-1.52	57	--	ND<50	ND<50	ND<50	ND<50	ND<50	4.7	--
12/11/02	179.81	21.04	0.00	158.77	-0.03	86	--	ND>0.50	ND>0.50	ND>0.50	ND>0.50	ND>0.50	ND>2.0	--
03/17/03	179.81	16.01	0.00	163.80	5.03	ND<50	--	ND>0.50	ND>0.50	ND>0.50	ND>0.50	ND>0.50	ND>2.0	--
06/17/03	179.81	18.12	0.00	161.69	-2.11	ND<50	--	ND>0.50	ND>0.50	ND>0.50	ND>0.50	ND>0.50	ND>2.0	--
09/15/03	179.81	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
12/15/03	179.81	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/16/04	179.81	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
06/14/04	179.81	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	IPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments	
U-7 continued															
09/14/04	179.81	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt	
12/14/04	179.81	--	--	--	--	--	--	--	--	--	--	--	--	Paved Over	
U-8	(Screen Interval in feet: 10-30)														
06/22/93	179.79	18.81	0.00	160.98	--	7500	--	12	ND	130	700	--	--		
08/27/93	179.79	20.36	0.00	159.43	-1.55	2000	--	14	ND	12	20	--	--		
12/16/93	179.36	18.56	0.00	160.80	1.37	590	--	7.4	1.1	31	31	--	--		
03/10/94	179.36	17.19	0.00	162.17	1.37	460	--	3.5	ND	18	14	5.6	--		
06/09/94	179.36	19.47	0.00	159.89	--	520	--	3.8	0.69	2.3	20	--	--		
09/08/94	179.36	21.04	0.00	158.32	-1.57	630	--	5.2	ND	20	15	--	--		
12/06/94	179.36	18.18	0.00	161.18	2.86	700	--	13	1.8	35	33	--	--		
03/09/95	179.79	10.41	0.00	169.38	8.20	560	--	4.6	0.6	27	20	--	--		
06/13/95	179.79	16.48	0.00	163.31	-6.07	450	--	7.5	ND	38	26	25	--		
09/14/95	179.85	20.14	0.00	159.71	-3.60	230	--	3.4	ND	18	78	16	--		
10/25/95	179.85	20.65	0.00	159.20	0.00	760	--	9.1	0.98	16	9.1	--	--		
D	10/25/95	179.85	20.65	0.00	159.20	-0.51	600	--	6.9	0.83	14	5.8	--	--	
03/22/96	179.85	12.54	0.00	167.31	8.11	ND	--	0.5	ND	1.8	0.77	ND	--		
06/24/96	179.85	17.23	0.00	162.62	0.00	180	--	0.69	2.9	12	2.4	--	--		
D	06/24/96	179.85	17.23	0.00	162.62	--	180	--	0.70	2.8	12	2.2	--	--	
09/26/96	179.85	20.57	0.00	159.28	-3.34	250	--	0.52	ND	11	2.5	--	--		
12/18/96	179.85	17.61	0.00	162.24	2.96	94	--	3.7	ND	11	3.9	8.2	--		
03/24/97	179.85	15.96	0.00	163.89	1.65	280	--	2.8	0.63	18	4.3	ND	--		
06/24/97	179.85	19.65	0.00	160.20	-3.69	140	--	1.9	ND	6.4	1.3	ND	--		
09/26/97	179.85	21.05	0.00	158.80	-1.40	160	--	2.3	ND	10	2.7	ND	--		
12/16/97	179.85	16.80	0.00	163.05	4.25	130	--	0.6	ND	7.8	3.1	ND	--		

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-8 continued														
03/11/98	179.85	11.01	0.00	168.84	5.79	ND	ND	ND	ND	ND	ND	ND	ND	--
06/15/98	179.85	16.13	0.00	163.72	-5.12	170	--	4.4	ND	12	3.7	6.9	ND	
09/23/98	179.85	20.29	0.00	159.56	-4.16	127	--	ND	ND	0.941	0.713	ND	ND	
12/28/98	179.85	18.77	0.00	161.08	1.52	210	--	3.2	ND	7.7	2.8	5.7	ND	
03/19/99	179.85	12.98	0.00	166.87	5.79	150	--	1.9	ND	4.8	2.1	3.8	--	
06/21/99	179.85	17.86	0.00	161.99	-4.88	230	--	2.2	ND	8.1	2.2	4.1	--	
09/30/99	179.85	20.76	0.00	159.09	-2.90	140	--	2.9	ND	ND	2.8	3.6	--	
12/20/99	179.85	20.25	0.00	159.60	0.51	ND	--	0.907	ND	ND	ND	ND	--	
03/17/00	179.85	12.59	0.00	167.26	7.66	444	--	6.60	ND	10.6	10.0	12.3	--	
06/22/00	179.85	18.12	0.00	161.73	-5.53	410	--	2.8	0.6	18	4.9	6.6	--	
07/12/00	179.85	18.87	0.00	160.98	-0.75	--	--	--	--	--	--	--	--	
10/10/00	179.85	20.60	0.00	159.25	-1.73	380	--	7.1	0.62	2.2	1.3	1.3	--	
12/14/00	179.85	20.18	0.00	159.67	0.42	71	--	0.84	ND	ND	ND	3.3	--	
03/14/01	179.85	15.87	0.00	163.98	4.31	220	--	4.5	ND	11	3.2	20	--	
06/13/01	179.85	19.55	0.00	160.30	--	160	--	ND	ND	ND	ND	ND	--	
09/19/01	179.85	21.08	0.00	158.77	-1.53	160	--	3.2	ND<0.50	4.4	1.1	14	ND<2.0	
12/19/01	179.85	14.90	0.00	164.95	6.18	88	--	2.1	ND<0.50	2	0.73	8.8	ND<2.0	
03/13/02	179.85	15.11	0.00	164.74	-0.21	92	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
06/12/02	179.85	19.13	0.00	160.72	-4.02	58	--	1.2	ND<0.50	ND<0.50	ND<0.50	4	2	
09/11/02	179.85	20.86	0.00	158.99	-1.73	55	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/11/02	179.85	20.77	0.00	159.08	0.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
03/17/03	179.85	15.42	0.00	164.43	5.35	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
06/17/03	179.85	17.79	0.00	162.06	-2.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
09/15/03	179.85	--	--	--	--	--	--	--	--	--	--	--	Inaccessible	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8260B	TPPH 8260B	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
U-8 continued														
12/15/03	179.85	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/16/04	179.85	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
06/14/04	179.85	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/14/04	179.85	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
12/14/04	179.85	--	--	--	--	--	--	--	--	--	--	--	--	Paved Over
U-9	(Screen Interval in feet: 10-30)													
03/09/95	180.20	13.44	0.00	166.76	--	ND	--	ND	ND	ND	ND	ND	--	--
06/13/95	180.20	17.65	0.00	162.55	-4.21	ND	--	ND	ND	ND	ND	ND	--	--
09/14/95	180.19	21.33	0.00	158.86	-3.69	ND	--	ND	ND	ND	ND	ND	--	--
10/25/95	180.19	21.36	0.00	158.83	-0.03	--	--	ND	ND	ND	ND	ND	--	--
03/22/96	180.19	13.70	0.00	166.49	7.66	ND	--	ND	ND	ND	ND	ND	--	--
06/24/96	180.19	18.42	0.00	161.77	--	ND	--	ND	ND	ND	ND	ND	--	--
09/26/96	180.19	21.66	0.00	158.53	-3.24	ND	--	ND	ND	ND	ND	ND	--	--
12/18/96	180.19	19.16	0.00	161.03	2.50	ND	--	ND	ND	ND	ND	ND	--	--
03/24/97	180.19	17.09	0.00	163.10	2.07	ND	--	ND	ND	ND	ND	ND	--	--
06/24/97	180.19	20.75	0.00	159.44	-3.66	ND	--	ND	ND	ND	ND	ND	--	--
09/26/97	180.19	22.05	0.00	158.14	-1.30	ND	--	ND	ND	ND	ND	ND	--	--
12/16/97	180.19	18.71	0.00	161.48	3.34	ND	--	ND	ND	ND	ND	ND	--	--
03/11/98	180.19	12.43	0.00	167.76	6.28	ND	--	ND	ND	ND	ND	ND	--	--
06/15/98	180.19	17.56	0.00	162.63	-5.13	ND	--	ND	ND	ND	ND	ND	--	--
09/23/98	180.19	21.22	0.00	158.97	-3.66	ND	--	ND	ND	ND	ND	ND	--	--
12/28/98	180.19	20.05	0.00	160.14	1.17	ND	--	ND	ND	ND	ND	ND	--	--
03/19/99	180.19	14.24	0.00	165.95	5.81	ND	--	ND	ND	ND	ND	ND	--	--
06/21/99	180.19	19.28	0.00	160.91	-5.04	ND	--	ND	ND	ND	ND	ND	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>U-9 continued</b>														
09/30/99	180.19	21.79	0.00	158.40	-2.51	ND	ND	ND	ND	ND	ND	ND	ND	--
12/20/99	180.19	21.62	0.00	158.57	0.17	ND	--	ND	ND	ND	ND	ND	ND	--
03/17/00	180.19	13.79	0.00	166.40	7.83	ND	--	ND	ND	ND	ND	ND	ND	--
06/22/00	180.19	19.30	0.00	160.89	-5.51	ND	--	ND	ND	ND	ND	ND	ND	--
07/12/00	180.19	20.11	0.00	160.08	-0.81	--	--	--	--	--	--	--	--	--
10/10/00	180.19	21.58	0.00	158.61	-1.47	ND	--	ND	ND	ND	ND	ND	ND	--
12/14/00	180.19	20.41	0.00	159.78	1.17	ND	--	ND	ND	ND	ND	ND	8.7	--
03/14/01	180.19	17.32	0.00	162.87	3.09	ND	--	ND	ND	ND	ND	ND	ND	--
06/13/01	180.19	20.71	0.00	159.48	--	ND	--	ND	ND	ND	ND	ND	ND	--
09/19/01	180.19	21.91	0.00	158.28	-1.20	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
12/19/01	180.19	16.66	0.00	163.53	5.25	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
03/13/02	180.19	15.58	0.00	164.61	1.08	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
06/12/02	180.19	23.20	0.00	156.99	-7.62	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
09/11/02	180.19	24.41	0.00	155.78	-1.21	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
12/11/02	180.19	23.83	0.00	156.36	0.58	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5	--
03/17/03	180.19	19.46	0.00	160.73	4.37	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.0	--
06/17/03	180.19	21.53	0.00	158.66	-2.07	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.0	--
09/15/03	180.19	24.47	0.00	155.72	-2.94	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<2.0
12/15/03	180.19	20.22	0.00	159.97	4.25	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<2.0
03/16/04	180.19	15.33	0.00	164.86	4.89	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<2.0
06/14/04	180.19	20.48	0.00	159.71	-5.15	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50
09/14/04	180.19	22.14	0.00	158.05	-1.66	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50
12/14/04	180.19	20.12	0.00	160.07	2.02	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50

**U-10** (Screen Interval in feet: 10-30)

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-10 continued														
03/09/95	180.53	12.96	0.00	167.57	--	ND	--	ND	ND	ND	ND	ND	--	--
06/13/95	180.53	17.67	0.00	162.86	-4.71	ND	--	ND	0.63	ND	0.58	ND	--	--
09/14/95	180.54	21.52	0.00	159.02	-3.84	ND	--	ND	ND	ND	ND	ND	--	--
10/25/95	180.54	21.58	0.00	158.96	-0.06	--	--	--	--	--	--	--	--	--
03/22/96	180.54	13.29	0.00	167.25	8.29	ND	--	ND	ND	ND	ND	ND	--	--
06/24/96	180.54	18.51	0.00	162.03	--	ND	--	ND	ND	ND	ND	ND	--	--
09/26/96	180.54	21.75	0.00	158.79	-3.24	ND	--	ND	ND	ND	ND	ND	--	--
12/18/96	180.54	19.51	0.00	161.03	2.24	ND	--	ND	ND	ND	ND	ND	--	--
03/24/97	180.54	17.05	0.00	163.49	2.46	ND	--	ND	ND	ND	ND	ND	--	--
06/24/97	180.54	21.01	0.00	159.53	-3.96	ND	--	ND	ND	ND	ND	ND	--	--
09/26/97	180.54	21.96	0.00	158.58	-0.95	ND	--	ND	ND	ND	ND	ND	--	--
12/16/97	180.54	18.93	0.00	161.61	3.03	ND	--	ND	ND	ND	ND	ND	--	--
03/11/98	180.54	12.51	0.00	168.03	6.42	ND	--	ND	ND	ND	ND	ND	--	--
06/15/98	180.54	17.65	0.00	162.89	-5.14	ND	--	ND	ND	ND	ND	ND	--	--
09/23/98	180.54	21.54	0.00	159.00	-3.89	ND	--	ND	ND	ND	ND	ND	--	--
12/28/98	180.54	20.31	0.00	160.23	1.23	ND	--	ND	0.63	ND	0.82	ND	--	--
03/19/99	180.54	13.98	0.00	166.56	6.33	ND	--	ND	ND	ND	ND	ND	--	--
06/21/99	180.54	19.51	0.00	161.03	-5.53	ND	--	ND	ND	ND	ND	ND	--	--
09/30/99	180.54	21.98	0.00	158.56	-2.47	ND	--	ND	ND	ND	ND	ND	--	--
12/20/99	180.54	21.76	0.00	158.78	0.22	ND	--	ND	ND	ND	ND	ND	--	--
03/17/00	180.54	13.42	0.00	167.12	8.34	ND	--	ND	ND	ND	ND	ND	--	--
06/22/00	180.54	19.52	0.00	161.02	-6.10	ND	--	ND	ND	ND	ND	ND	--	--
07/12/00	180.54	20.31	0.00	160.23	-0.79	--	--	--	--	--	--	--	--	--
10/10/00	180.54	21.87	0.00	158.67	-1.56	ND	--	ND	ND	ND	ND	ND	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-10 continued														
12/14/00	180.54	20.76	0.00	159.78	1.11	ND	ND	ND	ND	ND	ND	8.6	--	
03/14/01	180.54	17.32	0.00	163.22	3.44	ND	--	ND	ND	ND	ND	ND	--	
06/13/01	180.54	21.00	0.00	159.54	--	ND	--	ND	ND	ND	ND	ND	--	
09/19/01	180.54	22.20	0.00	158.34	-1.20	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.5	--	
12/19/01	180.54	16.74	0.00	163.80	5.46	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.5	--	
03/13/02	180.54	15.86	0.00	164.68	0.88	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.5	--	
06/12/02	180.54	20.45	0.00	160.09	-4.59	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.5	--	
09/11/02	180.54	22.01	0.00	158.53	-1.56	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.5	--	
12/11/02	180.54	21.85	0.00	158.69	0.16	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.0	--	
03/17/03	180.54	15.34	0.00	165.20	6.51	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.0	--	
06/17/03	180.54	17.52	0.00	163.02	-2.18	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.0	--	
09/15/03	180.54	20.36	0.00	160.18	-2.84	--	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<2.0	
12/15/03	180.54	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/16/04	180.54	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
06/14/04	180.54	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
09/14/04	180.54	--	--	--	--	--	--	--	--	--	--	--	--	covered with gravel
12/14/04	180.54	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
U-11	(Screen Interval in feet: 10-30)													
03/09/95	181.08	11.80	0.00	169.28	--	ND	--	ND	ND	ND	ND	--	--	
06/13/95	181.08	16.90	0.00	164.18	-5.10	ND	--	ND	ND	ND	ND	1.5	--	
09/14/95	181.09	20.08	0.00	161.01	-3.17	ND	--	ND	ND	ND	ND	--	--	
10/25/95	181.09	20.21	0.00	160.88	-0.13	--	--	--	--	--	--	--	--	
03/23/96	181.09	12.68	0.00	168.41	--	ND	--	ND	ND	ND	ND	--	--	
06/24/96	181.09	17.54	0.00	163.55	-4.86	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-11 continued														
09/26/96	181.09	20.79	0.00	160.30	-3.25	ND	ND	ND	ND	ND	ND	ND	ND	--
12/18/96	181.09	17.53	0.00	163.56	3.26	ND	ND	ND	ND	ND	ND	ND	ND	--
03/24/97	181.09	16.30	0.00	164.79	1.23	ND	ND	ND	ND	ND	ND	ND	ND	--
06/24/97	181.09	20.20	0.00	160.89	-3.90	ND	ND	ND	ND	ND	ND	ND	ND	--
09/26/97	181.09	21.68	0.00	159.41	-1.48	ND	ND	ND	ND	ND	ND	ND	ND	--
12/16/97	181.09	16.86	0.00	164.23	4.82	ND	ND	ND	ND	ND	ND	ND	ND	--
03/11/98	181.09	11.12	0.00	169.97	5.74	ND	ND	ND	ND	ND	ND	ND	ND	--
06/15/98	181.09	16.18	0.00	164.91	-5.06	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/23/98	181.09	20.92	0.00	160.17	-4.74	ND	ND	ND	ND	ND	ND	ND	ND	--
12/28/98	181.09	18.92	0.00	162.17	2.00	ND	ND	ND	ND	ND	ND	ND	ND	--
03/19/99	181.09	13.15	0.00	167.94	5.77	ND	ND	ND	ND	ND	ND	ND	ND	--
06/21/99	181.09	18.35	0.00	162.74	-5.20	ND	ND	ND	ND	ND	ND	ND	ND	--
09/30/99	181.09	21.48	0.00	159.61	-3.13	ND	ND	ND	ND	ND	ND	ND	ND	--
12/20/99	181.09	20.43	0.00	160.66	1.05	ND	ND	ND	ND	ND	ND	ND	ND	--
03/17/00	181.09	12.64	0.00	168.45	7.79	ND	ND	ND	ND	ND	ND	ND	ND	--
06/22/00	181.09	18.45	0.00	162.64	-5.81	ND	ND	ND	ND	ND	ND	ND	ND	--
07/12/00	181.09	19.44	0.00	161.65	-0.99	ND	ND	ND	ND	ND	ND	ND	ND	--
10/10/00	181.09	21.16	0.00	159.93	-1.72	ND	ND	ND	ND	ND	ND	ND	ND	--
12/14/00	181.09	20.07	0.00	161.02	1.09	ND	ND	ND	ND	ND	ND	ND	ND	8.4
03/14/01	181.09	15.71	0.00	165.38	4.36	ND	ND	ND	ND	ND	ND	ND	ND	--
06/13/01	181.09	19.87	0.00	161.22	--	ND	ND	ND	ND	ND	ND	ND	ND	--
09/19/01	181.09	22.01	0.00	159.08	-2.14	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5
12/19/01	181.09	14.89	0.00	166.20	7.12	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5
03/13/02	181.09	15.18	0.00	165.91	-0.29	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.0

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-11 continued														
06/12/02	181.09	19.44	0.00	161.65	-4.26	ND<50	-	ND<50	ND<50	ND<50	ND<50	ND<2.5	--	
09/11/02	181.09	21.60	0.00	159.49	-2.16	ND<50	-	ND<50	ND<50	ND<50	ND<50	ND<2.5	--	
12/11/02	181.09	21.27	0.00	159.82	0.33	ND<50	-	ND<50	ND<50	ND<50	ND<50	ND<2.0	--	
03/17/03	181.09	15.48	0.00	165.61	5.79	ND<50	-	ND<50	ND<50	ND<50	ND<50	5.7	6.4	
06/17/03	181.09	18.25	0.00	162.84	-2.77	ND<50	-	ND<50	ND<50	ND<50	ND<50	ND<2.0	--	
09/15/03	181.09	20.81	0.00	160.28	-2.56	-	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<2.0	
12/15/03	181.09	19.24	0.00	161.85	1.57	-	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<2.0	
03/16/04	181.09	14.32	0.00	166.77	4.92	-	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<2.0	
06/14/04	181.09	19.95	0.00	161.14	-5.63	-	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50	
09/14/04	181.09	21.89	0.00	159.20	-1.94	-	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50	
12/14/04	181.09	19.33	0.00	161.76	2.56	-	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50	
WSW-700														
(Screen Interval in feet: DNA)														
03/23/94	--	--	--	--	--	ND	--	ND	ND	ND	ND	27	--	
06/15/98	--	--	--	--	--	ND	--	ND	ND	ND	ND	87.3	93	INACCESSIBLE
09/23/98	--	22.50	--	--	--	ND	--	ND	ND	ND	ND	2.7	2.3	
12/28/98	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	
03/19/99	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	2
06/21/99	--	--	--	--	--	ND	--	ND	ND	ND	ND	150	66	
09/30/99	--	--	--	--	--	ND	--	ND	ND	ND	ND	57	29	
12/20/99	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	
03/17/00	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	
06/22/00	--	--	--	--	--	ND	--	ND	ND	ND	ND	130	120	
10/10/00	--	--	--	--	--	ND	--	ND	ND	ND	ND	45	54	
12/14/00	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
WSW-700	continued												
03/14/01	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND
06/13/01	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND
09/19/01	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
12/19/01	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
03/13/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
06/12/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
09/11/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
12/11/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
03/17/03	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
06/17/03	-	-	-	-	-	ND<100	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0
09/15/03	-	-	-	-	-	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
12/15/03	-	-	-	-	-	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
03/16/04	-	-	-	-	-	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
06/14/04	-	-	-	-	-	-	58	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
09/14/04	-	-	-	-	-	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
12/14/04	-	-	-	-	-	-	-	-	-	-	-	-	Inaccessible - Property Gated
WSW-724	(Screen Interval in feet: DNA)												
03/23/94	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND
06/15/98	-	-	-	-	-	-	-	-	-	-	-	-	ND
09/23/98	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND
WSW-725	(Screen Interval in feet: DNA)												
03/23/94	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND
06/15/98	-	-	-	-	-	-	-	-	-	-	-	-	ND
09/23/98	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
WSW-725 continued														
12/28/98	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	69	62
03/19/99	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
06/21/99	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
09/30/99	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
12/20/99	-	-	-	-	-	ND	-	ND	ND	ND	ND	65	-	-
03/17/00	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	69.8	ND
06/22/00	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	10.5	-
10/10/00	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
12/14/00	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	81	65
03/14/01	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	76	-
06/13/01	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	24	-
09/19/01	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	86	120
12/19/01	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	77	-
03/13/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
06/12/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
09/11/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
12/11/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
03/17/03	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	65	84
06/17/03	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	-
09/15/03	-	-	-	-	-	-	59	ND<0.50	0.56	ND<0.50	ND<1.0	ND<2.0	ND<2.0	Port sample
12/15/03	-	-	-	-	-	-	250	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	46	Port sample
03/16/04	-	-	-	-	-	-	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	--	Port sample
06/14/04	-	-	-	-	-	-	160	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	Water supply well
09/14/04	-	-	-	-	-	-	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	8.2	water supply well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**November 1992 Through December 2004**  
**76 Station 3312**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B	TPPH 8260B	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
WSW-725 continued 12/14/04	--	--	--	--	--	ND<50	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<0.50	Water Supply Well

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	cis-1,3-dichloro-propene ( $\mu\text{g/l}$ )	trans-1,3-Dichloro-propene ( $\mu\text{g/l}$ )	1,4-Dichloro-benzene ( $\mu\text{g/l}$ )	EDC ( $\mu\text{g/l}$ )	Chloro-benzene ( $\mu\text{g/l}$ )	2-Chloroethyl 1 vinyl methane ( $\mu\text{g/l}$ )	Dibromo-chloro-methane ( $\mu\text{g/l}$ )	PCE ( $\mu\text{g/l}$ )	cis-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	trans-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	1,3-Dichloro-benzene ( $\mu\text{g/l}$ )	Carbon-tetra-chloride ( $\mu\text{g/l}$ )	Chloro-form ( $\mu\text{g/l}$ )	1,1,1-Trichloro-ethane ( $\mu\text{g/l}$ )	
<b>U-1</b>	06/13/01	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-
	09/19/01	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-
	12/19/01	-	-	-	-	ND<4.0	-	-	-	-	-	-	-	-	-	-
	03/13/02	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-
	06/12/02	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-
	03/17/03	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-
	06/17/03	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-
	06/14/04	-	-	-	-	ND>2.5	-	-	-	-	-	-	-	-	-	-
	09/14/04	-	-	-	-	ND>2.5	-	-	-	-	-	-	-	-	-	-
	12/14/04	-	-	-	-	ND<0.5	-	-	-	-	-	-	-	-	-	-
<b>U-3</b>	06/12/01	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-
	09/19/01	-	-	-	-	ND<4.0	-	-	-	-	-	-	-	-	-	-
	06/12/02	-	-	-	-	ND<5.0	-	-	-	-	-	-	-	-	-	-
	03/17/03	-	-	-	-	ND<4.0	-	-	-	-	-	-	-	-	-	-
	06/17/03	-	-	-	-	ND<10	-	-	-	-	-	-	-	-	-	-
	09/15/03	-	-	-	-	ND>20	-	-	-	-	-	-	-	-	-	-
	12/15/03	-	-	-	-	ND<0.5	-	-	-	-	-	-	-	-	-	-
<b>U-4</b>	03/16/04	-	-	-	-	ND>20	-	-	-	-	-	-	-	-	-	-
	06/14/04	-	-	-	-	ND<1.0	-	-	-	-	-	-	-	-	-	-
	09/14/04	-	-	-	-	ND<10	-	-	-	-	-	-	-	-	-	-
	12/14/04	-	-	-	-	ND<0.5	-	-	-	-	-	-	-	-	-	-
	09/19/01	-	-	-	-	ND<4.0	-	-	-	-	-	-	-	-	-	-
<b>U-4</b>	12/19/01	-	-	-	-	ND<10	-	-	-	-	-	-	-	-	-	-
	06/12/02	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	cis-1,3-dichloro-propene ( $\mu\text{g/l}$ )	trans-1,3-Dichloro-propene ( $\mu\text{g/l}$ )	1,4-Dichloro-benzene ( $\mu\text{g/l}$ )	EDC ( $\mu\text{g/l}$ )	Chloro-benzene ( $\mu\text{g/l}$ )	2-Chloroethyl vinyl ( $\mu\text{g/l}$ )	Dibromo-chloro-methane ( $\mu\text{g/l}$ )	PCE ( $\mu\text{g/l}$ )	cis-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	trans-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	Dichloro-benzene ( $\mu\text{g/l}$ )	Carbon-tetra-chloride ( $\mu\text{g/l}$ )	Chloro-form ( $\mu\text{g/l}$ )	1,1,1-Trichloro-ethane ( $\mu\text{g/l}$ )
U-4 continued															
12/11/02	-	-	-	-	ND<40	-	-	-	-	-	-	-	-	-	-
03/17/03	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-	-
09/14/04	-	-	-	-	ND<2.5	-	-	-	-	-	-	-	-	-	-
<b>U-5</b>															
06/12/01	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-
09/19/01	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
12/19/01	-	-	-	-	-	ND<5.0	-	-	-	-	-	-	-	-	-
<b>U-6</b>															
11/11/92	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
01/14/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/22/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/27/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/16/93	6100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/10/94	2800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/09/94	2800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/08/94	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/06/94	7200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/09/95	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/13/95	3600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/14/95	3000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/22/96	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/24/96	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/26/96	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/18/96	2200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/24/97	2600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/24/97	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	cis-1,3- dichloro- propene ( $\mu\text{g/l}$ )	trans-1,3- Dichloro- propene ( $\mu\text{g/l}$ )	1,4- Dichloro- benzene ( $\mu\text{g/l}$ )	EDC ( $\mu\text{g/l}$ )	Chloro- benzene ( $\mu\text{g/l}$ )	2- Chloroethyl 1 vinyl ( $\mu\text{g/l}$ )	Dibromo- chloro- methane ( $\mu\text{g/l}$ )	PCB ( $\mu\text{g/l}$ )	cis-1,2- Dichloro- ethene ( $\mu\text{g/l}$ )	trans-1,2- Dichloro- ethene ( $\mu\text{g/l}$ )	1,3- Dichloro- benzene ( $\mu\text{g/l}$ )	Carbon tetra- chloride ( $\mu\text{g/l}$ )	Chloro- form ( $\mu\text{g/l}$ )	1,1,1- Trichloro- ethane ( $\mu\text{g/l}$ )
U-6 continued															
09/26/97	2300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/16/97	2800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/11/98	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/15/98	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/23/98	2550	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/28/98	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/19/99	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/21/99	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/30/99	1700	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/20/99	2750	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/17/00	2320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/22/00	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/10/00	1500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/14/00	561	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/14/01	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/13/01	3200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/19/01	1400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/19/01	1100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/13/02	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/12/02	1900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/11/02	820	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/11/02	1700	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/17/03	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/17/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/15/03	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/15/03	1200	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	cis-1,3-dichloro-propene ( $\mu\text{g/l}$ )	trans-1,3-Dichloro-propene ( $\mu\text{g/l}$ )	1,4-Dichloro-benzene ( $\mu\text{g/l}$ )	EDC ( $\mu\text{g/l}$ )	Chloro-benzene ( $\mu\text{g/l}$ )	2-Chloroethyl vinyl ( $\mu\text{g/l}$ )	Dibromo-chloro-methane ( $\mu\text{g/l}$ )	PCE ( $\mu\text{g/l}$ )	cis-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	trans-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	1,3-Dichloro-benzene ( $\mu\text{g/l}$ )	Carbon tetrachloride ( $\mu\text{g/l}$ )	Chloro-form ( $\mu\text{g/l}$ )	1,1,1-Trichloro-ethane ( $\mu\text{g/l}$ )
U-6 continued															
03/16/04	1300	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
06/14/04	820	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/14/04	900	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
U-7															
06/13/01	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-
09/19/01	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
06/12/02	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
U-8															
09/19/01	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
12/19/01	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
06/12/02	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
U-9															
06/12/02	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
12/11/02	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
06/17/03	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
U-11															
03/13/02	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
03/17/03	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
<b>WSW-700</b>															
03/14/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/13/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/19/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/19/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/13/02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/12/02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	TPH-D ( $\mu\text{g/l}$ )	cis-1,3-dichloro-propene ( $\mu\text{g/l}$ )	trans-1,3-Dichloro-propene ( $\mu\text{g/l}$ )	1,4-Dichloro-benzene ( $\mu\text{g/l}$ )	EDC ( $\mu\text{g/l}$ )	Chloro-benzene ( $\mu\text{g/l}$ )	2-Chloroethyl vinyl ( $\mu\text{g/l}$ )	Dibromo-chloro-methane ( $\mu\text{g/l}$ )	PCE ( $\mu\text{g/l}$ )	cis-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	trans-1,2-Dichloro-ethene ( $\mu\text{g/l}$ )	1,3-Dichloro-benzene ( $\mu\text{g/l}$ )	Carbon tetrachloride ( $\mu\text{g/l}$ )	Chloro-form ( $\mu\text{g/l}$ )	1,1,1-Trichloro-ethane ( $\mu\text{g/l}$ )
WSW-700 continued															
09/11/02	-	-	-	-	-	ND<0.50	-	-	-	-	-	-	-	-	-
12/11/02	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
03/17/03	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
06/17/03	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
09/15/03	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
03/16/04	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
06/14/04	-	-	-	-	-	ND<0.50	-	-	-	-	-	-	-	-	-
WSW-725															
06/13/01	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-
09/19/01	-	-	-	-	-	ND<2.0	-	-	-	-	-	-	-	-	-
12/15/03	-	-	-	-	-	ND<0.5	-	-	-	-	-	-	-	-	-
09/14/04	-	-	-	-	-	ND<0.50	-	-	-	-	-	-	-	-	-

**Table 3 b**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	Bromo-methane ( $\mu\text{g/l}$ )	Chloro-ethane ( $\mu\text{g/l}$ )	Vinyl chloride ( $\mu\text{g/l}$ )	Methylene chloride ( $\mu\text{g/l}$ )	Bromoform ( $\mu\text{g/l}$ )	Bromo-dichloro-methane ( $\mu\text{g/l}$ )	1,1-Dichloro-ethane ( $\mu\text{g/l}$ )	1,1,1-Trichloro-ethene ( $\mu\text{g/l}$ )	Trichloro-trifluoro-methane ( $\mu\text{g/l}$ )	1,2-Dichloro-propane ( $\mu\text{g/l}$ )	1,1,2-Trichloro-ethane ( $\mu\text{g/l}$ )	TCE ( $\mu\text{g/l}$ )	1,1,2,2-Tetrachloro-ethane ( $\mu\text{g/l}$ )
U-6 12/15/03	ND<4.0	ND<4.0	ND<4.0	ND<2.0	ND<20	ND<8.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
03/16/04	ND<5.0	ND<5.0	ND<5.0	ND<2.5	ND<25	ND<10	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5
06/14/04	ND<4.0	ND<4.0	ND<4.0	ND<2.0	ND<20	ND<8.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
09/14/04	ND<4.0	ND<4.0	ND<4.0	ND<2.0	ND<20	ND<8.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

**Table 3 c**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	1,2-Dichloro-benzene ( $\mu\text{g/l}$ )	Dichloro-difluoromethane ( $\mu\text{g/l}$ )	EDB	Total Lead DO	Pre-Purge DO	Post Purge DO	TAME	TBA	DPE	ETBE	Zinc	Ethanol 8260B	Cadmium	Nickel	Chromium
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )											
<b>U-1</b>															
10/25/95	-	-	-	-	-	-	1.99	-	-	-	-	-	-	-	-
06/24/96	-	-	-	-	-	-	2.91	2.29	-	-	-	-	-	-	-
06/15/98	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-	-	-
06/13/01	-	-	ND	-	-	-	ND	ND	ND	ND	ND	ND	-	-	-
09/19/01	-	-	ND<2.0	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-	-
12/19/01	-	-	ND<4.0	-	-	-	ND<4.0	ND<40	ND<4.0	ND<4.0	ND<4.0	ND<1000	-	-	-
03/13/02	-	-	ND<2.0	-	-	-	2.6	ND<20	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-	-
06/12/02	-	-	ND<2.0	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-	-
03/17/03	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-	-
06/17/03	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-	-
06/14/04	-	-	ND<2.5	-	-	-	ND<2.5	ND<25	ND<2.5	ND<2.5	ND<2.5	ND<250	-	-	-
09/14/04	-	-	ND<2.5	-	-	-	ND<2.5	ND<25	ND<2.5	ND<2.5	ND<2.5	ND<250	-	-	-
12/14/04	-	-	ND<0.5	-	-	-	ND<2.5	ND<25	ND<5.0	ND<2.5	ND<2.5	ND<50	-	-	-
<b>U-2</b>															
10/25/95	-	-	-	-	-	-	2.33	-	-	-	-	-	-	-	-
06/24/96	-	-	-	-	-	-	0.49	0.39	-	-	-	-	-	-	-
<b>U-3</b>															
10/25/95	-	-	-	-	-	-	2.07	-	-	-	-	-	-	-	-
06/24/96	-	-	ND	-	-	-	0.94	0.64	-	-	-	-	-	-	-
06/12/01	-	-	ND	-	-	-	ND	ND	ND	ND	ND	ND	-	-	-
09/19/01	-	-	ND<4.0	-	-	-	ND<4.0	40	ND<4.0	ND<4.0	ND<4.0	ND<1000	-	-	-
06/12/02	-	-	ND<5.0	-	-	-	ND<5.0	ND<50	ND<5.0	ND<5.0	ND<5.0	ND<1200	-	-	-
03/17/03	-	-	ND<4.0	-	-	-	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<4.0	ND<1000	-	-	-
06/17/03	-	-	ND<10	-	-	-	ND<10	ND<500	ND<10	ND<10	ND<10	ND<2500	-	-	-
09/15/03	-	-	ND<20	-	-	-	ND<20	ND<1000	ND<20	ND<20	ND<20	ND<5000	-	-	-
12/15/03	-	-	ND<0.5	-	-	-	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-	-

**Table 3 c**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	1,2-Dichloro-benzene ( $\mu\text{g/l}$ )	Dichloro-difluoro-methane ( $\mu\text{g/l}$ )	EDB	Total Lead DO	Pre-Purge DO	Post Purge DO	TAME	TBA	DIPE	ETBE	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )
U-3 continued															
03/16/04	--	--	ND<20	--	--	--	ND<20	ND<100	ND<20	ND<20	--	ND<5000	--	--	--
06/14/04	--	--	ND<1.0	--	--	--	ND<1.0	ND<10	ND<2.0	ND<1.0	--	ND<100	--	--	--
09/14/04	--	--	ND<10	--	--	--	ND<10	ND<100	ND<20	ND<10	--	ND<1000	--	--	--
12/14/04	--	--	ND<0.5	--	--	--	ND<10	120	ND<20	ND<10	--	ND<50	--	--	--
U-4															
10/25/95	--	--	--	--	--	--	8.15	--	--	--	--	--	--	--	--
06/24/96	--	--	--	--	--	--	0.99	0.95	--	--	--	--	--	--	--
09/19/01	--	--	ND<4.0	--	--	--	ND<4.0	42	ND<4.0	ND<4.0	--	ND<1000	--	--	--
12/19/01	--	--	ND<10	--	--	--	ND<10	ND<100	ND<10	ND<10	--	ND<2500	--	--	--
06/12/02	--	--	ND<2.0	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--
12/11/02	--	--	ND<40	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	ND<10000	--	--	--
03/17/03	--	--	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--
09/14/04	--	--	ND<2.5	--	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	ND<250	--	--	--
U-5															
10/25/95	--	--	--	--	--	--	2.59	--	--	--	--	--	--	--	--
06/24/96	--	--	--	--	--	--	0.99	0.71	--	--	--	--	--	--	--
06/12/01	--	--	ND	--	--	--	ND	ND	ND	ND	--	ND	--	--	--
09/19/01	--	--	ND<2.0	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--
12/19/01	--	--	ND<5.0	--	--	--	ND<5.0	ND<50	ND<5.0	ND<5.0	--	ND<1200	--	--	--
U-6															
11/11/92	--	--	ND	--	--	--	ND	--	--	--	--	142	--	330	ND
01/14/93	--	--	4.2	--	--	--	4.2	--	--	--	--	ND	--	45.4	ND
06/22/93	--	--	14	--	--	--	14	--	--	--	--	13.0	--	240	ND
08/27/93	--	--	18	--	--	--	18	--	--	--	--	160	--	390	ND
12/16/93	--	--	ND	--	--	--	ND	--	--	--	--	ND	--	39	ND
10/25/95	--	--	4.15	--	--	--	4.15	--	--	--	--	--	--	--	--

**Table 3 e**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	1,2-Dichloro-benzene ( $\mu\text{g/l}$ )	Dichloro-difluoro-methane ( $\mu\text{g/l}$ )	EDB	Total Lead DO	Pre-Purge DO	Post Purge DO	TAME 8260B	8260B	DPE 8260B	Zinc	Ethanol 8260B	Cadmium	Nickel	Chromium ( $\text{mg/l}$ )
U-6 continued														
06/24/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/13/01	-	-	ND	-	-	-	ND	ND	ND	ND	ND	-	-	-
09/19/01	-	-	ND<4.0	-	-	-	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	-	-	-
12/19/01	-	-	ND<2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
03/13/02	-	-	ND<2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
06/12/02	-	-	ND<2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
09/11/02	-	-	ND<50	-	-	-	ND<50	ND<50	ND<50	ND<50	ND<50	-	-	-
12/11/02	-	-	ND<2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
06/17/03	-	-	ND<2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
09/15/03	-	-	ND<2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
12/15/03	ND<2.0	ND<4.0	-	-	-	-	-	-	-	-	-	-	-	-
03/16/04	ND<2.5	ND<5.0	-	-	-	-	-	-	-	-	-	-	-	-
06/14/04	ND<2.0	ND<4.0	-	-	-	-	-	-	-	-	-	-	-	-
09/14/04	ND<2.0	ND<4.0	-	-	-	-	-	-	-	-	-	-	-	-
U-7														
06/15/98	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-	-
06/13/01	-	-	ND	-	-	-	ND	ND	ND	ND	ND	-	-	-
09/19/01	-	-	ND>2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
06/12/02	-	-	ND>2.0	-	-	-	ND>2.0	ND>2.0	ND>2.0	ND>2.0	ND>2.0	-	-	-
U-8														
06/15/98	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-	-
09/19/01	-	-	ND<2.0	-	-	-	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	-	-	-
12/19/01	-	-	ND<2.0	-	-	-	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	-	-	-
06/12/02	-	-	ND<2.0	-	-	-	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	-	-	-
U-9														
06/15/98	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-	-

**Table 3 c**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	1,2-Dichloro-benzene ( $\mu\text{g/l}$ )	Dichloro-difluoro-methane ( $\mu\text{g/l}$ )	EDB	Total Lead DO	Pre-Purge DO	Post Purge DO	TAME	TBA	DPPE	ETBE	Zinc	Ethanol 8260B	Cadmium	Nickel	Chromium
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )				
U-9 continued															
06/12/02	-	-	ND<2.0	-	-	-	-	2.7	ND<20	ND<2.0	-	ND<500	-	-	-
12/11/02	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<400	-	-	-
06/17/03	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
U-10	06/15/98	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
U-11	06/15/98	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	03/13/02	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-
	03/17/03	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-
WSW-700	09/23/98	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	12/28/98	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	03/19/99	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	06/21/99	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	09/30/99	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	12/20/99	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	03/17/00	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	06/22/00	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	10/10/00	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	12/14/00	-	-	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	03/14/01	-	ND	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	06/13/01	-	ND	-	-	-	-	ND	ND	ND	ND	-	ND	-	-
	09/19/01	-	ND<2.0	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	-	ND<500	-	-	-
	12/19/01	-	ND<2.0	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	-	ND<500	-	-	-
	03/13/02	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
	06/12/02	-	ND<2.0	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	-	ND<500	-	-	-

**Table 3 c**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 3312**

Date Sampled	1,2-Dichloro-benzene ( $\mu\text{g/l}$ )	Dichloro-difluoro-methane ( $\mu\text{g/l}$ )	EDB	Total Lead	Pre-Purge DO	Post Purge DO	TAME	TBA	DPE	ETBE	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )											
WSW-700	continued														
09/11/02	-	-	ND<0.50	-	-	-	ND<0.50	ND<5.0	ND<0.50	ND<50	-	ND<50	-	-	-
12/11/02	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
03/17/03	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
06/17/03	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
09/15/03	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
03/16/04	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
06/14/04	-	-	ND<0.50	-	-	-	ND<0.50	7.7	ND<1.0	ND<0.50	-	ND<50	-	-	-
WSW-724	-	-	-	-	-	-	-	ND	ND	ND	-	ND	-	-	-
06/15/98	-	-	-	-	-	-	-	ND	ND	ND	-	ND	-	-	-
WSW-725	-	-	-	-	-	-	-	ND	ND	ND	-	ND	-	-	-
06/15/98	-	-	ND	-	-	-	ND	ND	ND	ND	-	ND	-	-	-
06/13/01	-	-	ND	-	-	-	ND	ND	ND	ND	-	ND	-	-	-
09/19/01	-	-	ND<2.0	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	-	ND<500	-	-	-
12/11/02	-	-	ND<2.0	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	-	ND<500	-	-	-
12/15/03	-	-	ND<0.5	-	-	-	ND<2.0	ND<5.0	ND<2.0	ND<2.0	-	ND<500	-	-	-
09/14/04	-	-	ND<0.50	-	-	-	ND<0.50	7.6	ND<1.0	ND<0.50	-	ND<50	-	-	-

Table 3 d  
ADDITIONAL ANALYTICAL RESULTS  
76 Station 3312

Date Sampled	TOG	(mg/l)
U-6		
11/11/92	ND	
01/14/93	ND	
06/22/93	ND	
08/27/93	ND	
12/16/93	ND	

# **COORDINATED EVENT DATA**

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-1	09/10/91	180.33 <sup>2</sup>	24.29	--	156.04	--	
	02/05/92		22.82	22.81	157.52*	0.01	
	05/29/92		21.69	21.66	158.66*	0.03	
	08/27/92		--	--	--	--	
	10/28/92		24.23	24.22	156.11*	0.01	LNAPL; skimmer installed
	11/12/92		23.49	23.48	156.86*	0.01	skimmer installed
	12/14/92		20.59	20.58	159.76*	0.01	skimmer installed
	01/06/93		19.90	--	160.44	--	skimmer installed
	02/10/93		18.82	--	161.52	--	skimmer installed
	03/10/93		17.44	17.43	162.90*	0.01	skimmer installed
	04/26/93		19.45	19.37	160.95*	0.08	skimmer installed
	05/19/93		20.56	20.51	159.81*	0.05	skimmer installed
	06/25/93		21.43	21.32	158.99*	0.11	skimmer installed
	07/19/93		21.89	21.76	158.55*	0.13	skimmer installed
	08/27/93		23.24	23.12	157.19*	0.12	skimmer installed
	10/26/93		23.03	22.98	157.35*	0.05	skimmer installed
	11/23/93		23.59	23.46	156.85*	0.13	skimmer installed
	12/28/93		21.43	21.42	158.92*	0.01	skimmer installed
	01/28/94		20.80	--	159.54	--	skimmer installed
	02/23/94		19.06	19.05	161.29*	0.01	skimmer installed
	03/10/94		21.48	21.47	158.87*	0.01	skimmer installed
	04/08/94		21.36	21.34	159.00*	0.02	skimmer installed
	05/11/94		21.76	--	158.58	--	
	06/09/94		22.46	--	157.88	--	
	09/14/94		24.04	24.02	156.32*	0.02	
	10/26/94		24.02	24.01	156.33*	0.01	
	11/21/94		21.90	--	158.44	--	
	12/06/94		21.40	--	158.94	--	
	03/09/95	180.59 <sup>4</sup>	14.78	--	165.56	--	
	06/13/95		19.21	19.20	161.14*	0.01	
	09/14/95		22.83	--	157.76	--	
	03/26/96		16.36	--	164.23	--	
	06/24/96		20.10	--	160.49	--	
	12/26/96		--	--	--	--	Under water
	06/24/97		21.90	--	158.69	--	
	12/16/97		19.10	--	161.49	--	
	06/15/98		18.69	--	161.90	--	
	01/06/99		21.41	--	159.18	--	
	07/12/99		21.57	--	159.02	--	
	12/20/99		22.63	--	157.60	--	
	12/14/00		22.82	--	157.77	--	
	03/14/01		19.04	--	161.55	--	
	06/12/02		22.37	22.34	158.24*	0.03	
	09/11/02		23.97	23.85	156.71*	0.12	
	12/11/02		23.43	23.40	157.18*	0.03	
	03/17/03		18.98	18.93	161.65*	0.05	
	06/17/03		19.81	19.80	160.79*	0.01	
	09/15/03		23.80	--	156.79	--	Sheen, Strong Odor
	12/15/03		21.65	--	158.94	--	Sheen
	03/16/04		19.83	19.82	160.76	0.01	
	06/14/04		22.94	--	157.65	--	Sheen, Strong Odor
	09/14/04		24.25	--	156.33	--	Sheen, Strong Odor
	12/14/04		21.25	--	159.33	--	Sheen, Strong Odor

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-2	09/10/91	180.81 <sup>2</sup>  180.85 <sup>3</sup>  181.12 <sup>4</sup>	24.4	—	156.41	—	
	02/05/92		22.92	—	157.89	—	
	05/29/92		21.84	21.54	159.20*	0.3	
	08/27/92		—	—	—	—	LNAPL; skimmer installed
	10/28/92		24.70	24.68	156.13*	0.02	skimmer installed
	11/12/92		25.18	23.50	156.93*	1.68	skimmer installed
	12/14/92		21.06	20.17	160.46*	0.89	skimmer installed
	01/06/93		19.56	19.55	161.30*	0.01	skimmer installed
	02/10/93		18.64	18.63	162.22*	0.01	skimmer installed
	03/10/93		16.87	16.86	163.99*	0.01	skimmer installed
	04/26/93		19.78	19.68	161.14*	0.10	skimmer installed
	05/19/93		21.10	20.86	159.93*	0.24	skimmer installed
	06/25/93		21.86	21.53	159.24*	0.33	skimmer installed
	07/19/93		22.33	22.25	158.58*	0.08	skimmer installed
	08/27/93		22.95	22.93	157.92*	0.02	skimmer installed
	10/26/93		22.54	22.53	158.32*	0.01	skimmer installed
	11/23/93		23.15	23.14	157.71*	0.01	skimmer installed
	12/28/93		20.99	20.98	159.87*	0.01	skimmer installed
	01/28/94		20.76	—	160.09	—	skimmer installed
	02/23/94		18.62	18.61	162.24*	0.02	skimmer installed
	03/10/94		21.04	21.03	159.82*	0.01	skimmer installed
	04/08/94		21.60	21.57	159.27*	0.03	skimmer installed
	05/11/94		21.45	—	159.40	—	
	06/09/94		22.13	—	158.72	—	
	09/14/94		23.81	23.78	157.06*	0.03	
	10/26/94		23.54	23.43	157.39*	0.11	
	11/21/94		21.43	—	159.42	—	
	12/06/94		20.12	20.11	160.74*	0.01	
	03/09/95		14.85	—	166.00	—	
	06/13/95		19.15	—	161.70	—	
	09/14/95		21.98	—	159.14	—	
	03/26/96		16.34	—	164.78	—	
	06/24/96		19.36	—	161.76	—	
	12/26/96		—	—	—	—	Not Located
	06/24/97		—	—	—	—	Not Located
	12/16/97		—	—	—	—	Not Located
	06/15/98		—	—	—	—	Not Located
	01/06/99		—	—	—	—	Not Located
	07/12/99		—	—	—	—	Damaged
	12/20/99		—	—	—	—	Damaged
	12/14/00		—	—	—	—	Destroyed 2/9/00

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-3	09/10/91	180.83 <sup>2</sup>	24.32	—	156.51	—	
	02/05/92		23.11	—	157.72	—	
	05/29/92		21.72	21.71	159.12*	0.01	
	08/27/92		—	—	—	—	LNAPL; skimmer installed
	10/28/92		26.45	24.08	156.16*	2.37	skimmer installed
	11/12/92		25.24	23.09	157.19*	2.15	skimmer installed
	12/14/92		21.34	20.56	160.07*	0.78	skimmer installed
	01/06/93		19.56	19.55	161.27*	0.01	skimmer installed
	02/10/93		19.39	19.38	161.43*	0.01	skimmer installed
	03/10/93		17.53	17.52	163.30*	0.01	skimmer installed
	04/26/93		20.17	20.16	160.66*	0.01	skimmer installed
	05/19/93		21.12	21.10	159.70*	0.02	skimmer installed
	06/25/93		22.05	21.98	158.82*	0.07	skimmer installed
	07/19/93		22.50	22.43	158.37*	0.07	skimmer installed
	08/27/93		23.20	23.18	157.63*	0.02	skimmer installed
	10/26/93		22.95	22.77	158.01*	0.18	skimmer installed
	11/23/93		23.61	23.28	157.46*	0.33	skimmer installed
	12/28/93		21.29	21.27	159.54*	0.02	skimmer installed
	01/28/94		20.90	—	159.92	—	skimmer installed
	02/23/94		19.86	—	160.96	—	skimmer installed
	03/10/94		—	—	—	—	skimmer installed
	04/08/94		21.54	21.52	159.30*	0.02	
	05/11/94		21.67	—	159.15	—	
	06/09/94		22.39	—	158.43	—	
	09/14/94		24.40	23.75	156.91*	0.65	
	10/26/94		23.44	22.72	157.92*	0.72	
	11/21/94		21.50	—	159.32	—	
	12/06/94		21.10	20.59	160.10*	0.51	
	03/09/95	180.85 <sup>4</sup>	15.57	15.17	165.55*	0.40	
	06/13/95		20.24	19.92	160.82*	0.32	
	09/14/95		22.25	—	158.60	—	
	03/26/96		16.36	16.35	164.50*	0.01	
	06/24/96		19.81	—	161.04	—	
	12/26/96		17.94	17.88	162.96*	0.06	
	06/24/97		21.23	—	159.62	—	
	12/16/97		19.02	18.89	161.93*	0.13	
	06/15/98		19.36	19.30	161.54*	0.06	
	01/06/99		21.69	21.67	159.18*	0.02	
	07/12/99		21.67	—	159.18	—	
	12/20/99		22.71	—	158.14	—	
	12/14/00		23.23	23.22	157.63*	0.01	
	03/14/01		18.82	18.78	162.06*	0.04	
	06/12/02		22.28	22.22	158.62*	0.06	
	09/11/02		23.70	23.67	157.17*	0.03	
	12/11/02		22.88	22.84	158.00*	0.04	
	03/17/03		18.42	18.39	162.45*	0.03	
	06/17/03		19.36	19.35	161.50*	0.01	
	09/15/03		23.40	23.39	157.46*	0.01	
	12/15/03		21.22	21.20	159.65*	0.02	
	03/16/04		18.18	18.16	162.67	0.02	
	06/14/04		22.40	—	158.45	—	sheen, odor
	09/14/04		23.72	—	157.10	—	sheen
	12/14/04		20.55	—	160.27	—	Heavy sheen, odor

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-4	05/29/92	181.93 <sup>2</sup> 181.94 <sup>3</sup> 181.93 <sup>4</sup>	22.23	--	159.70	--	
	08/27/92		23.97	--	157.96	--	
	10/28/92		24.16	24.14	157.79*	0.02	
	11/12/92		23.22	23.21	158.73*	0.01	
	12/14/92		20.89	--	161.05	--	
	01/06/93		20.31	--	161.63	--	
	02/10/93		18.70	--	163.24	--	
	03/10/93		18.20	--	163.74	--	
	04/26/93		20.84	--	161.10	--	
	05/19/93		21.75	--	160.19	--	
	06/25/93		--	--	--	--	
	07/19/93		22.65	--	159.29	--	
	08/27/93		23.43	--	158.51	--	
	10/26/93		23.29	--	158.65	--	
	11/23/93		23.89	--	158.05	--	
	12/28/93		22.12	--	159.82	--	
	01/28/94		21.16	--	160.78	--	
	02/23/94		19.60	--	162.34	--	
	03/10/94		20.56	--	161.38	--	
	04/08/94		22.10	--	159.84	--	
	05/11/94		22.17	--	159.77	--	
	06/09/94		22.91	--	159.03	--	
	09/14/94		24.25	--	157.69	--	
	10/26/94		24.12	--	157.82	--	
	11/21/94		22.35	--	159.59	--	
	12/06/94		21.37	--	160.57	--	
	03/09/95		15.64	--	166.30	--	
	06/13/95		20.73	--	161.21	--	
	09/14/95		23.14	--	158.79	--	
	03/26/96		17.38	--	164.55	--	
	06/24/96		21.03	--	160.90	--	
	12/26/96		19.01	--	162.92	--	
	06/24/97		22.56	--	159.37	--	
	12/16/97		19.67	--	162.26	--	
	06/15/98		19.88	--	162.05	--	
	01/06/99		22.21	--	159.72	--	
	07/12/99		22.35	--	159.58	--	
	12/20/99		22.94	--	158.99	--	
	12/14/00		--	--	--	--	Destroyed 2/9/00

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-5	05/29/92	182.33 <sup>2</sup> 182.31 <sup>3</sup> 182.19 <sup>4</sup>	22.17	—	160.16	—	
	08/27/92		—	—	—	—	LNAPL; skimmer installed
	10/28/92		24.79	24.10	158.23*	0.69	skimmer installed
	11/12/92		23.42	22.86	159.31*	0.56	skimmer installed
	12/14/92		20.79	20.56	161.69*	0.23	skimmer installed
	01/06/93		20.16	20.15	162.15*	0.01	skimmer installed
	02/10/93		18.82	18.81	163.49*	0.01	skimmer installed
	03/10/93		18.23	18.22	164.09*	0.01	skimmer installed
	04/26/93		21.03	21.02	161.29*	0.01	skimmer installed
	05/19/93		21.82	21.77	160.53*	0.05	skimmer installed
	06/25/93		22.06	—	160.25	—	skimmer installed
	07/19/93		22.65	22.64	159.67*	0.01	skimmer installed
	08/27/93		—	—	—	—	skimmer installed
	10/26/93		23.61	23.31	158.93*	0.30	skimmer installed
	11/23/93		24.56	23.80	158.32*	0.76	skimmer installed
	12/28/93		22.43	21.94	160.25*	0.49	skimmer installed
	01/28/94		20.87	—	161.44	—	skimmer installed
	02/23/94		19.37	19.32	162.98*	0.01	skimmer installed
	03/10/94		20.74	20.73	161.58*	0.01	skimmer installed
	04/08/94		21.99	21.97	160.34*	0.02	skimmer installed
	05/11/94		21.98	—	160.33	—	
	06/09/94		22.79	—	159.52	—	
	09/14/94		23.99	23.97	158.34*	0.02	
	10/26/94		24.56	23.74	158.37*	0.82	
	11/21/94		21.94	—	160.37	—	
	12/06/94		21.00	20.97	161.33*	0.03	
	03/09/95		15.80	—	166.51	—	
	06/13/95		20.57	20.56	161.75*	0.01	
	09/14/95		22.94	22.93	159.26*	0.01	
	03/26/96		17.80	—	164.39	—	
	06/24/96		20.83	—	161.36	—	
	12/26/96		19.11	—	163.08	—	
	06/24/97		—	—	—	—	Not Located
	12/16/97		—	—	—	—	Not Located
	06/15/98		—	—	—	—	Not Located
	01/06/99		—	—	—	—	Not Located
	07/13/99		22.25	—	159.94	—	
	12/20/99		22.86	—	159.33	—	
	12/14/00		—	—	—	—	Destroyed 2/9/00

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-6	05/29/92	181.07 <sup>2</sup>	21.81	—	159.26	—	
	08/27/92		23.84	—	157.23	—	skimmer installed
	10/28/92		25.15	23.44	157.20*	1.71	skimmer installed
	11/12/92		24.94	22.53	157.94*	2.41	skimmer installed
	12/14/92		22.42	20.34	160.21	2.08	skimmer installed
	01/06/93		20.72	20.10	160.82	0.62	skimmer installed
	02/10/93		18.42	18.12	162.88	0.30	skimmer installed
	03/10/93		17.37	17.36	163.71*	0.01	skimmer installed
	04/26/93		20.44	20.30	160.73*	0.14	skimmer installed
	05/19/93		21.36	21.12	159.89*	0.24	skimmer installed
	06/25/93		22.43	22.08	158.90*	0.35	skimmer installed
	07/19/93		22.54	22.53	158.54*	0.01	skimmer installed
	08/27/93		23.44	23.41	157.65*	0.03	skimmer installed
	10/26/93		23.11	23.10	157.97*	0.01	skimmer installed
	11/23/93		25.54	25.53	155.54*	0.01	skimmer installed
	12/28/93		21.47	21.29	159.73*	0.18	skimmer installed
	01/28/94		20.37	20.23	160.81*	0.14	skimmer installed
	02/23/94		18.33	18.30	162.76*	0.01	skimmer installed
	03/10/94		20.75	20.74	160.33*	0.01	skimmer installed
	04/08/94		21.48	21.42	159.64*	0.06	
	05/11/94		21.77	21.72	159.34*	0.05	
	06/09/94		22.60	22.50	158.55*	0.10	
	09/14/94		23.68	23.65	157.41*	0.03	
	10/26/94		23.72	23.61	157.43*	0.11	
	11/21/94		21.56	21.54	159.53*	0.02	
	12/06/94		20.23	20.21	160.86*	0.02	
	03/09/95	181.05 <sup>4</sup>	15.20	—	165.87	—	
	06/13/95		20.12	—	160.95	—	
	09/14/95		22.68	22.67	158.38*	0.01	
	03/26/96		16.46	—	164.59	—	
	06/24/96		19.99	—	161.06	—	
	12/26/96		18.46	18.45	162.60*	0.01	
	06/24/97		22.17	—	158.88	—	
	12/16/97		18.89	18.88	162.17*	0.01	
	06/15/98		19.14	—	161.91	—	
	01/06/99		21.58	—	159.47	—	
	07/12/99		21.79	—	159.26	—	
	12/20/99		22.38	—	158.67	—	
	12/14/00		22.37	—	158.68	—	
	03/14/01		18.61	—	162.44	—	
	06/12/02		19.67	19.28	161.67*	0.39	
	09/11/02		23.61	23.60	157.45*	0.01	
	12/11/02		23.18	—	157.87	—	
	03/17/03		18.81	—	162.24	—	
	06/17/03		19.21	—	161.84	—	
	09/15/03		23.51	—	157.54	—	
	12/15/03		21.35	—	159.70	—	Sheen
	03/16/04		18.36	—	162.69	—	
	06/14/04		22.78	—	158.27	—	sheen, odor
	09/14/04		24.10	—	156.96	—	sheen
	12/14/04		21.52	—	159.54	—	Sheen, Strong Odor

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-7	05/29/92	180.16 <sup>2</sup>  180.14 <sup>3</sup>  180.13 <sup>4</sup>  180.13	21.45	—	158.71	—	
	08/27/92		23.38	—	156.78	—	skimmer in place
	10/28/92		23.62	—	156.54	—	skimmer in place
	11/12/92		22.57	—	157.57	—	skimmer in place
	12/14/92		19.55	—	160.59	—	skimmer in place
	01/06/93		18.81	—	161.33	—	skimmer in place
	02/10/93		17.55	15.15	164.40	2.40	skimmer in place
	03/10/93		16.18	14.32	165.36*	1.86	skimmer in place
	04/26/93		20.25	17.80	161.73*	2.45	skimmer in place
	05/19/93		20.91	19.97	159.94*	0.94	skimmer in place
	06/25/93		21.47	20.55	159.36*	0.92	skimmer in place
	07/19/93		21.90	21.56	158.50*	0.34	skimmer in place
	08/27/93		22.43	22.41	157.73*	0.02	skimmer in place
	10/26/93		22.07	22.06	158.08*	0.01	skimmer in place
	11/23/93		22.69	—	157.45	—	skimmer in place
	12/28/93		19.89	—	160.25	—	skimmer in place
	01/28/94		18.83	—	161.31	—	skimmer in place
	02/23/94		17.11	—	163.03	—	skimmer in place
	03/10/94		18.72	—	161.42	—	skimmer in place
	04/08/94		20.45	19.89	160.11*	0.56	
	05/11/94		20.89	20.34	159.66*	0.55	
	06/09/94		21.62	21.12	158.90*	0.50	
	09/14/94		22.97	22.72	157.36*	0.25	
	10/26/94		22.71	22.53	157.57*	0.18	
	11/21/94		—	—	—	—	
	12/06/94		20.06	20.05	160.09*	0.01	
	03/09/95		13.86	—	166.28	—	
	06/13/95		19.55	19.32	160.76*	0.23	
	09/14/95		22.25	21.90	158.14*	0.35	
	03/26/96		14.62	—	165.51	—	
	06/24/99		18.26	18.10	161.99*	0.16	
	12/26/96		16.53	16.52	163.61*	0.01	
	06/24/97		—	—	—	—	Not accessible
	12/16/97		16.89	16.86	163.27*	0.03	
	06/15/98		16.69	16.52	163.57*	0.17	
	01/06/99		19.54	19.38	160.71*	0.16	
	07/12/99		—	—	—	—	
	12/20/99		20.46	—	159.67	—	
	12/14/00		19.99	19.92	160.19*	0.07	
	03/14/01		15.41	—	164.72	—	
	06/12/02		—	—	—	—	
	09/11/02		21.55	21.17	158.87*	0.38	
	12/11/02		21.02	20.84	159.25*	0.18	
	03/17/03		17.70	17.59	162.51*	0.11	
	06/17/03		19.20	19.16	160.96*	0.04	
	09/15/03		20.85	20.82	159.30*	0.03	
	12/15/03		18.33	18.32	161.81*	0.01	
	03/16/04		15.43	15.40	164.70	0.03	
	06/14/04		19.80	19.61	160.48*	0.19	
	09/14/04		21.66	21.54	158.56*	0.12	
	12/14/04		18.60	—	161.53	—	strong odor

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-8	05/29/92	179.64 <sup>2</sup>	18.64	--	161	--	
	08/27/92		21.12	--	158.52	--	
	10/28/92		21.79	--	157.85	--	
	11/12/92		20.67	--	158.96	--	
	12/14/92		17.84	--	161.79	--	
	01/06/93		--	--	--	--	
	02/10/93		15.07	--	164.56	--	
	03/10/93		14.45	--	165.18	--	
	04/26/93		16.99	--	162.64	--	
	05/19/93		18.63	--	161.00	--	
	06/25/93		--	--	--	--	
	07/19/93		19.79	--	159.84	--	
	08/27/93		20.39	--	159.24	--	
	10/26/93		20.73	--	158.90	--	
	11/23/93		21.37	--	158.26	--	
	12/28/93		19.27	--	160.36	--	
	01/28/94		16.27	--	163.36	--	
	02/23/94		16.44	--	163.19	--	
	03/10/94		18.05	--	161.58	--	
	04/08/94		13.14	--	166.49	--	
	05/11/94		19.33	--	160.30	--	
	06/09/94		20.11	--	159.52	--	
	09/14/94		21.67	--	157.96	--	
	10/26/94		21.77	--	157.86	--	
	11/21/94		18.57	--	161.06	--	
	12/06/94		18.00	--	161.63	--	
	03/09/95	179.62 <sup>4</sup>	14.72	--	164.91	--	
	06/13/95		17.26	--	162.37	--	
	09/14/95		20.45	--	159.17	--	
	03/26/96		13.29	--	166.33	--	
	06/24/96		17.42	--	162.20	--	
	12/26/96		--	--	--	--	Under water
	06/24/97		19.90	--	159.72	--	
	12/16/97		16.46	--	163.16	--	
	06/15/98		16.51	--	163.11	--	
	01/06/99		19.42	--	160.20	--	
	07/12/99		19.49	--	160.13	--	
	12/20/99		20.37	--	159.25	--	
	12/14/00		20.20	--	159.42	--	
	03/14/01		15.98	--	163.64	--	
	06/12/02		19.43	--	160.19	--	
	09/11/02		21.28	--	158.34	--	
	12/11/02		20.50	--	159.12	--	
	03/17/03		14.97	--	164.65	--	
	06/17/03		18.35	--	161.27	--	
	09/15/03		20.80	--	158.82	--	
	12/15/03		18.29	--	161.33	--	
	03/16/04		15.40	--	164.22	--	
	06/14/04		19.75	--	159.87	--	strong odor
	09/14/04		21.54	--	158.10	--	strong odor
	12/14/04		18.38	--	161.26	--	strong odor

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-9	08/27/93	182.37 <sup>2</sup>	23.22	---	159.15	---	
	10/26/93		23.10	---	159.27	---	
	11/23/93		23.66	---	158.71	---	
	12/28/93		22.12	---	160.25	---	
	01/28/94		21.10	---	161.27	---	
	02/23/94		19.89	---	162.48	---	
	03/10/94		21.41	---	160.96	---	
	04/08/94		22.16	---	160.21	---	
	05/11/94		22.07	---	160.30	---	
	06/09/94		22.72	---	159.65	---	
	09/14/94		23.79	---	158.58	---	
	10/26/94		23.74	---	158.63	---	
	11/21/94		---	---	---	---	
	12/06/94		21.30	---	161.07	---	
	03/09/95		17.14	---	165.23	---	
	06/13/95		20.93	---	161.44	---	
	09/14/95	182.36 <sup>4</sup>	22.91	---	159.45	---	
	03/26/96		18.95	---	163.41	---	
	06/24/96		21.33	---	161.03	---	
	12/26/96		19.99	---	162.37	---	
	06/24/97		22.54	---	159.82	---	
	12/16/97		20.25	---	162.11	---	
	06/15/98		---	---	---	---	
	01/06/99		22.39	---	159.97	---	
	07/12/99		22.28	---	160.08	---	
	12/20/99		22.88	---	159.48	---	
	12/14/00		22.88	---	159.48	---	
	03/14/01		20.05	---	162.31	---	
	06/12/02		22.55	---	159.81	---	
	09/11/02		23.61	---	158.75	---	
	12/11/02		23.34	---	159.02	---	
	03/17/03		19.92	---	162.44	---	
	06/17/03		21.95	---	160.41	---	
	09/15/03		23.35	---	159.01	---	
	12/15/03		21.50	---	160.86	---	
	03/16/04		19.71	---	162.65	---	
	06/14/04		22.72	---	159.64	---	
	09/14/04		23.85	---	158.49	---	
	12/14/04		21.70	---	160.64	---	

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-10	09/14/94	182.83 <sup>2</sup>	25.41	--	157.42	--	
	10/26/94		25.65	--	157.18	--	
	11/21/94		--	--	--	--	
	12/06/94		21.19	--	161.64	--	
	03/09/95		13.03	--	169.80	--	
	06/13/95		21.10	--	161.73	--	
	09/14/95	182.83 <sup>4</sup>	24.52	--	158.31	--	
	03/26/96		16.58	--	166.25	--	
	06/24/96		21.45	--	161.38	--	
	12/26/96		18.28	--	164.55	--	
	06/24/97		23.52	--	159.31	--	
	12/16/97		18.65	--	164.18	--	
	06/15/98		19.55	--	163.28	--	
	01/06/99		22.39	--	160.44	--	
	07/12/99		22.80	--	160.03	--	
	12/20/99		23.56	--	159.27	--	
	12/14/00		22.04	--	160.79	--	
	03/14/01		17.53	--	165.30	--	
	06/12/02		22.84	--	159.99	--	
	09/11/02		25.10	--	157.73	--	
	12/11/02		23.43	--	159.40	--	
	03/17/03		17.91	--	164.92	--	
	06/17/03		21.24	--	161.59	--	
	09/15/03		24.41	--	158.42	--	
	12/15/03		19.90	--	162.93	--	
	03/16/04		17.01	--	165.82	--	
	06/14/04		22.81	--	160.02	--	
	09/14/04	182.76	25.01	--	157.75	--	
	12/14/04		20.81	--	161.95	--	

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-11	09/14/94	179.92 <sup>2</sup>	21.94	—	157.98	—	
	10/26/94		21.98	—	157.94	—	
	11/21/94		—	—	—	—	
	12/06/94		19.28	—	160.64	—	
	03/09/95		15.38	—	164.54	—	
	06/13/95		18.47	—	161.45	—	
	09/14/95		21.05	—	158.74	—	
	03/26/96		15.77	—	164.02	—	
	06/24/96		18.87	—	160.92	—	
	12/26/96		17.78	—	162.01	—	
	06/24/97		20.42	—	159.37	—	
	12/16/97		18.08	—	161.71	—	
	06/15/98		18.08	—	161.71	—	
	01/06/99		20.16	—	159.63	—	
	07/12/99		20.20	—	159.59	—	
	12/20/99		20.90	—	158.89	—	
	12/14/00		20.99	—	158.80	—	
	03/14/01		17.60	—	162.19	—	
	06/12/02		20.29	—	159.50	—	
	09/11/02		21.70	—	158.09	—	
	12/11/02		21.44	—	158.35	—	
	03/17/03		17.41	—	162.38	—	
	06/17/03		19.35	—	160.44	—	
	09/15/03		21.44	—	158.35	—	
	12/15/03		19.56	—	160.23	—	
	03/16/04		16.68	—	163.11	—	
	06/14/04		20.52	—	159.27	—	
	09/14/04		22.08	—	157.69	—	
	12/14/04		19.59	—	160.18	—	

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-12	09/14/94	178.71 <sup>2</sup>	22.15	—	156.56	—	
	10/26/94		22.11	—	156.60	—	
	11/21/94		—	—	—	—	
	12/06/94		19.58	—	159.13	—	
	03/09/95		15.51	—	163.20	—	
	06/13/95		18.21	—	160.50	—	
	09/14/95		20.70	—	157.97	—	
	03/26/96		15.53	—	163.14	—	
	06/24/96		18.67	—	160.00	—	
	12/26/96		16.86	—	161.81	—	
	06/24/97		19.45	—	159.22	—	
	12/16/97		17.60	—	161.07	—	
	06/15/98		17.71	—	160.96	—	
	01/06/99		19.61	—	159.06	—	
	07/12/99		19.71	—	158.96	—	
	12/20/99		20.56	—	158.11	—	
	12/14/00		20.61	—	158.06	—	
	03/14/01		17.25	—	161.42	—	
	06/12/02		19.70	—	158.97	—	
	09/11/02		21.40	—	157.27	—	
	12/11/02		20.99	—	157.68	—	
	03/17/03		16.99	—	161.68	—	
	06/17/03		18.90	—	159.77	—	
	09/15/03		21.17	—	155.50	—	
	12/15/03		19.16	—	159.51	—	
	03/16/04		16.36	—	162.31	—	
	06/14/04		20.00	—	158.67	—	
	09/14/04	179.02	21.75	—	157.27	—	
	12/14/04		19.30	—	159.72	—	

**TABLE 1**  
**GROUNDWATER LEVEL DATA**  
**FORMER CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**

Monitoring Well	Date	Reference Elevation <sup>1</sup> (ft.)	Measured Depth to Groundwater <sup>1</sup> (ft.)	Depth to LNAPL <sup>1</sup> (ft.)	Groundwater Elevation (ft.)	Thickness of LNAPL (ft.)	Notes
MW-13	09/14/04	181.90	23.65	—	158.25	—	slight odor
	12/14/04		20.57	—	161.33	—	
MW-14	09/14/04	182.18	24.05	—	158.13	—	slight sheen
	12/14/04		21.18	—	161.00	—	

Notes:

1 = Measurement and reference elevation taken from notch/mark on top north side of casing

2 = Elevations surveyed by a state-licensed land surveyor, referenced to City of Santa Rosa Benchmark A-21

3 = Elevations resurveyed by a state-licensed land surveyor, referenced to vertical datum/mean sea level

4 = Elevations resurveyed by a state-licensed land surveyor, referenced to City of Santa Rosa Benchmark A-21

5 = Elevations resurveyed by a state-licensed land surveyor, referenced to the City of Santa Rosa Benchmark A-21

LNAPL = Light Non-Aqueous Phase Liquid

\* = Groundwater elevations calculated using corrected depth to water (CDTW) as shown in SOP 12 in Attachment 1

— = Not measured/not observed

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-1	9/10/1991	3,500	390	9.7	1.1	360	—	—	
	2/5/1992	—	—	—	—	—	—	—	Contained LNAPL
	5/29/1992	—	—	—	—	—	—	—	Contained LNAPL
	8/27/1992	—	—	—	—	—	—	—	Contained LNAPL
	11/12/1992	—	—	—	—	—	—	—	Contained LNAPL
	2/10/1993	65,000	16,000	17,000	1,500	8,100	—	—	
	3/10/1994	—	—	—	—	—	—	—	Contained LNAPL
	6/9/1994	140,000	25,000	12,000	1,900	15,000	1,600	—	
	9/14/1994	—	—	—	—	—	—	—	Contained LNAPL
	12/6/1994	29,000	2,600	3,300	270	3,900	—	—	
	3/9/1995	—	—	—	—	—	—	—	
	6/13/1995	—	—	—	—	—	—	—	
	9/14/1995	—	—	—	—	—	—	—	Contained LNAPL
	3/26/1996	110,000	14,000	21,000	2,200	16,000	—	—	
	6/24/1996	—	—	—	—	—	—	—	
	12/26/1996	—	—	—	—	—	—	—	
	6/24/1997	—	—	—	—	—	—	—	
	12/16/1997	67,000	10,000	6,300	1,800	9,300	—	—	
	6/15/1998	—	—	—	—	—	—	—	
	1/6/1999	Sheen	—	—	—	—	—	—	
	7/12/1999	54,200	11,600	825	2,200	7,160	4,910	—	
	12/20/1999	—	—	—	—	—	—	—	
	12/14/2000	53,000	14,000	620	1,700	5,400	4,600	ND< 100	
	3/14/2001	41,000	7,700	460	1,800	5,000	2,900	ND< 5.0	
	6/12/2002	—	—	—	—	—	—	—	Contained LNAPL
	9/11/2002	—	—	—	—	—	—	—	Contained LNAPL
	12/11/2002	—	—	—	—	—	—	—	Contained LNAPL
	3/17/2003	—	—	—	—	—	—	—	Contained LNAPL
	6/17/2003	—	—	—	—	—	—	—	Contained LNAPL
	9/15/2003	27,000	6,100	96	1,500	1,700	1,500	<50	Sheen, Strong Odor
	12/15/2003	22,000	5,800	140	2,100	2,000	1,200	<250	Sheen
	3/16/2004	—	—	—	—	—	—	—	Contained LNAPL
	6/14/2004	22,000	5,200	63	2,100	1,500	1,400	<40	Sheen, Strong Odor
	9/14/2004	21,000	4,700	57	1,400	260	1,800	<20	Sheen, Strong Odor
	12/14/2004	17,000	3,600	140	2,100	2,000	400	<0.5	Sheen, Strong Odor

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-2	9/10/1991	43,000	21,000	3,600	1,300	4,100	—	—	Contained LNAPL Contained LNAPL Not Located Not Located Not Located Not Located Not Located Found Damaged Damaged Destroyed 2/9/00
	2/5/1992	53,000	16,000	4,400	1,600	3,700	—	—	
	5/29/1992	—	—	—	—	—	—	—	
	8/27/1992	—	—	—	—	—	—	—	
	11/12/1992	—	—	—	—	—	—	—	
	2/10/1993	—	—	—	—	—	—	—	
	3/10/1994	—	—	—	—	—	—	—	
	6/9/1994	240,000	36,000	25,000	3,400	17,000	1,800	—	
	9/14/1994	—	—	—	—	—	—	—	
	12/6/1994	—	—	—	—	—	—	—	
	3/9/1995	—	—	—	—	—	—	—	
	6/13/1995	—	—	—	—	—	—	—	
	9/14/1995	—	—	—	—	—	—	—	
	3/26/1996	650,000	78,000	17,000	7,500	65,000	—	—	
	6/24/1996	—	—	—	—	—	—	—	
	12/26/1996	—	—	—	—	—	—	—	
	6/24/1997	—	—	—	—	—	—	—	
	12/16/1997	—	—	—	—	—	—	—	
	6/15/1998	—	—	—	—	—	—	—	
	1/6/1999	—	—	—	—	—	—	—	
	7/12/1999	—	—	—	—	—	—	—	
	12/20/1999	—	—	—	—	—	—	—	
	12/14/2000	—	—	—	—	—	—	—	

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-3	9/10/1991	13,000	7,000	9,140	10	690	—	—	
	2/5/1992	59,000	18,000	4,700	1,800	7,800	—	—	Contained LNAPL
	5/29/1992	—	—	—	—	—	—	—	Contained LNAPL
	8/27/1992	—	—	—	—	—	—	—	Contained LNAPL
	11/12/1992	—	—	—	—	—	—	—	Contained LNAPL
	2/10/1993	—	—	—	—	—	—	—	Contained LNAPL
	3/10/1994	—	—	—	—	—	—	—	Contained LNAPL
	6/9/1994	82,000	18,000	4,800	1,800	6,400	< 500	—	Contained LNAPL
	9/14/1994	—	—	—	—	—	—	—	Contained LNAPL
	12/6/1994	—	—	—	—	—	—	—	Contained LNAPL
	3/9/1995	—	—	—	—	—	—	—	Contained LNAPL
	6/13/1995	—	—	—	—	—	—	—	Contained LNAPL
	9/14/1995	—	—	—	—	—	—	—	Contained LNAPL
	3/26/1996	—	—	—	—	—	—	—	Contained LNAPL
	6/24/1996	—	—	—	—	—	—	—	Contained LNAPL
	12/26/1996	—	—	—	—	—	—	—	Contained LNAPL
	6/24/1997	—	—	—	—	—	—	—	Contained LNAPL
	12/16/1997	—	—	—	—	—	—	—	Contained LNAPL
	6/15/1998	—	—	—	—	—	—	—	Contained LNAPL
	1/6/1999	—	—	—	—	—	—	—	Contained LNAPL
	7/12/1999	85,600	< 100	558	2,400	4,860	1,700	—	
	12/20/1999	—	—	—	—	—	—	—	
	12/14/2000	59,000	5,200	290	1,400	3,100	990	<25	Contained LNAPL
	3/14/2001	35,000	3,800	270	1,300	3,100	930	<5.0	Contained LNAPL
	6/12/2002	—	—	—	—	—	—	—	Contained LNAPL
	9/11/2002	—	—	—	—	—	—	—	Contained LNAPL
	12/11/2002	—	—	—	—	—	—	—	Contained LNAPL
	3/17/2003	—	—	—	—	—	—	—	Contained LNAPL
	6/17/2003	—	—	—	—	—	—	—	Contained LNAPL
	9/15/2003	—	—	—	—	—	—	—	Contained LNAPL
	12/15/2003	—	—	—	—	—	—	—	Contained LNAPL
	3/16/2004	—	—	—	—	—	—	—	Contained LNAPL
	6/14/2004	7,700	1,200	25	290	61	180	<2.5	sheen, odor
	9/14/2004	590	510	<0.5	12	2.8	100	<0.5	sheen
	12/14/2004	4,200	620	39	470	64	55	<0.5	Heavy sheen, odor

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-4	5/29/1992	34,000	8,900	580	1,600	3,100	—	—	Contained LNAPL
	8/27/1992	290,000	11,000	560	1,700	1,800	—	—	
	11/12/1992	—	—	—	—	—	—	—	
	2/10/1993	35,000	12,000	820	2,300	5,400	—	—	
	3/10/1994	52,000	9,800	780	4,300	22,000	—	—	
	6/9/1994	44,000	10,000	460	1,300	2,000	1,200	—	
	9/14/1994	24,000	7,000	340	2,200	1,400	—	—	
	12/6/1994	28,000	9,600	440	2,700	2,300	—	—	
	3/9/1995	—	—	—	—	—	—	—	
	6/13/1995	—	—	—	—	—	—	—	
	9/14/1995	—	—	—	—	—	—	—	
	3/26/1996	<50	1.2	<0.5	<0.5	<0.5	—	—	
	6/24/1996	—	—	—	—	—	—	—	
	12/26/1996	12,600	2,500	63.2	540	389	—	—	
	6/24/1997	—	—	—	—	—	—	—	
	12/16/1997	12,000	2,200	330	900	400	—	—	
	6/15/1998	—	—	—	—	—	—	—	
	1/6/1999	11,500	2,200	37.9	1,310	578	—	—	
	7/12/1999	7,120	1,050	30.8	658	398	220	—	
	12/20/1999	—	—	—	—	—	—	—	
	12/14/2000	—	—	—	—	—	—	—	Destroyed 2/9/00
MW-5	5/29/1992	110,000	20,000	17,000	2,600	13,000	—	—	Contained LNAPL
	8/27/1992	—	—	—	—	—	—	—	
	11/12/1992	—	—	—	—	—	—	—	
	2/10/1993	—	—	—	—	—	—	—	
	3/10/1994	—	—	—	—	—	—	—	Contained LNAPL
	6/9/1994	160,000	24,000	14,000	3,000	18,000	< 1,000	—	Contained LNAPL
	9/14/1994	—	—	—	—	—	—	—	Contained LNAPL
	12/6/1994	—	—	—	—	—	—	—	Contained LNAPL
	3/9/1995	—	—	—	—	—	—	—	Contained LNAPL
	6/13/1995	—	—	—	—	—	—	—	Contained LNAPL
	9/14/1995	—	—	—	—	—	—	—	Contained LNAPL
	3/26/1996	7,800	880	110	56	460	—	—	Not Located
	6/24/1996	—	—	—	—	—	—	—	Not Located
	12/26/1996	28,500	5,760	958	322	4,430	—	—	Not Located
	6/24/1997	—	—	—	—	—	—	—	Not Located
	12/16/1997	—	—	—	—	—	—	—	Not Located
	6/15/1998	—	—	—	—	—	—	—	Not Located
	1/6/1999	—	—	—	—	—	—	—	Not Located
	7/13/1999	41,700	5,670	1,460	1,700	7,670	603	—	Destroyed 2/9/00
	12/20/1999	—	—	—	—	—	—	—	
	12/14/2000	—	—	—	—	—	—	—	

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-6	5/29/1992	37,000	6,400	1,200	2,500	13,000	—	—	
	8/27/1992	52,000	9,200	800	2,000	4,500	—	—	
	11/12/1992	—	—	—	—	—	—	—	Contained LNAPL
	2/10/1993	—	—	—	—	—	—	—	Contained LNAPL
	3/10/1994	—	—	—	—	—	—	—	Contained LNAPL
	6/9/1994	—	—	—	—	—	—	—	Contained LNAPL
	9/14/1994	—	—	—	—	—	—	—	Contained LNAPL
	12/6/1994	—	—	—	—	—	—	—	Contained LNAPL
	3/9/1995	—	—	—	—	—	—	—	
	6/13/1995	—	—	—	—	—	—	—	Contained LNAPL
	9/14/1995	—	—	—	—	—	—	—	
	3/26/1996	44,000	3,700	760	1,700	6,800	—	—	Contained LNAPL
	6/24/1996	—	—	—	—	—	—	—	
	12/26/1996	—	—	—	—	—	—	—	Contained LNAPL
	6/24/1997	—	—	—	—	—	—	—	
	12/16/1997	—	—	—	—	—	—	—	Contained LNAPL
	6/15/1998	24,800	5,160	268	1,430	1,780	—	—	
	1/6/1999	Sheen	—	—	—	—	—	—	
	7/12/1999	18,700	5,070	174	921	159	416	—	
	12/20/1999	—	—	—	—	—	—	—	
	12/14/2000	20,000	4,100	120	730	400	410	< 20	
	3/14/2001	34,000	3,600	120	1,000	880	300	< 5.0	
	6/12/2002	16,000	3,200	110	830	410	170	< 5.0	Contained LNAPL
	9/11/2002	—	—	—	—	—	—	—	Contained LNAPL
	12/11/2002	6,200	2,800	140	560	370	210	< 5.0	
	3/17/2003	20,000	2,000	200	1,400	1,900	< 100	< 100	
	6/17/2003	15,000	2,700	91	770	360	170	<25	
	9/15/2003	13,000	2,900	120	770	450	160	<100	
	12/15/2003	15,000	3,300	200	1,200	1,100	94	<25	
	3/16/2004	9,500	2,500	77	760	440	75	<0.5	
	6/14/2004	11,000	2,400	41	800	240	110	<2.5	sheen, odor
	9/14/2004	10,000	2,600	49	500	130	170	<0.5	sheen
	12/14/2004	9,000	1,700	140	780	610	110	<0.5	Sheen, Strong Odor

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-7	5/29/1992	23,000	6,200	1,100	1,300	5,000	—	—	Contained LNAPL
	8/27/1992	26,000	12,000	2,000	560	1,300	—	—	
	11/12/1992	28,000	9,800	810	470	830	—	—	
	2/10/1993	—	—	—	—	—	—	—	
	3/10/1994	84,000	32,000	33,000	2,800	14,000	—	—	
	6/9/1994	—	—	—	—	—	—	—	
	9/14/1994	—	—	—	—	—	—	—	
	12/6/1994	—	—	—	—	—	—	—	
	3/9/1995	—	—	—	—	—	—	—	
	6/13/1995	—	—	—	—	—	—	—	
	9/14/1995	—	—	—	—	—	—	—	
	3/26/1996	130,000	17,000	21,000	3,600	18,000	—	—	
	6/24/1996	—	—	—	—	—	—	—	
	12/26/1996	—	—	—	—	—	—	—	
	6/24/1997	—	—	—	—	—	—	—	
	12/16/1997	—	—	—	—	—	—	—	
	6/15/1998	—	—	—	—	—	—	—	
	1/6/1999	—	—	—	—	—	—	—	
	7/12/1999	—	—	—	—	—	—	—	
	12/20/1999	—	—	—	—	—	—	—	
	1/15/2001	47,000	2,900	1,200	550	5,900	2,500	< 60	Contained LNAPL
	3/14/2001	43,000	4,400	2,000	810	5,700	1,700	< 5.0	
	6/12/2002	—	—	—	—	—	—	—	Contained LNAPL
	9/11/2002	—	—	—	—	—	—	—	Contained LNAPL
	12/11/2002	—	—	—	—	—	—	—	Contained LNAPL
	3/17/2003	—	—	—	—	—	—	—	Contained LNAPL
	6/17/2003	—	—	—	—	—	—	—	Contained LNAPL
	9/15/2003	—	—	—	—	—	—	—	Contained LNAPL
	12/15/2003	—	—	—	—	—	—	—	Contained LNAPL
	3/16/2004	—	—	—	—	—	—	—	Contained LNAPL
	6/14/2004	—	—	—	—	—	—	—	Contained LNAPL
	9/14/2004	—	—	—	—	—	—	—	Contained LNAPL
	12/14/2004	33,000	6,600	310	2,200	10,000	870	TBA=600	strong odor

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB / EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-8	5/29/1992	20,000	4,200	320	980	1,700	—	—	
	8/27/1992	28,000	6,100	210	14,000	1,300	—	—	
	11/12/1992	26,000	5,400	110	16,000	1,300	—	—	
	2/10/1993	14,000	5,200	350	100	1,700	—	—	
	3/10/1994	76,000	8,800	1,000	6,900	5,800	—	—	
	6/9/1994	30,000	8,000	<200	1,600	740	460	—	
	9/14/1994	12,000	3,900	34	650	110	—	—	
	12/6/1994	21,000	6,200	170	2,000	2,600	—	—	
	3/9/1995	—	—	—	—	—	—	—	
	6/13/1995	—	—	—	—	—	—	—	
	9/14/1995	—	—	—	—	—	—	—	
	3/26/1996	18,000	1,600	31	1,100	1,000	—	—	
	6/24/1996	—	—	—	—	—	—	—	
	12/26/1996	—	—	—	—	—	—	—	
	6/24/1997	—	—	—	—	—	—	—	
	12/16/1997	17,000	2,000	74	930	960	—	—	
	6/15/1998	15,300	3,210	103	934	999	—	—	
	1/6/1999	6,820	1,730	< 20	599	368	—	—	
	7/12/1999	6,900	1,640	< 50	224	< 50	98.8	—	
	12/20/1999	—	—	—	—	—	—	—	
	12/14/2000	5,000	870	14	140	18	100	< 2.5	
	3/14/2001	15,000	890	38	480	460	55	< 5.0	
	6/12/2002	6,000	1,300	21	150	60	72	< 5.0	
	9/11/2002	1,700	850	2.2	25	6	72	< 25	
	12/11/2002	1,000	350	7.3	110	55	38	< 5.0	
	3/17/2003	2,100	250	9.2	120	72	< 100	< 100	
	6/17/2003	4,900	1,000	17	98	48	75	<25	
	9/15/2003	4,300	930	16	86	11	57	<5.0	
	12/15/2003	4,000	550	17	240	130	48	<5.0	
	3/16/2004	4,000	740	5	320	200	23	<0.5	
	6/14/2004	5,300	1,300	32	320	94	56	<5.0	strong odor
	9/14/2004	3,300	660	15	47	6	57	6.6, tert-Amyl methyl ether	strong odor
	12/14/2004	2,900	420	21	280	160	22	<0.5	strong odor

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**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB / EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-9	8/27/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	12/28/1993	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	3/10/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	6/9/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 1	---	
	9/14/1994	< 50	< 0.5	< 0.5	< 0.5	9	---	---	
	12/6/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	3/9/1995	180	0.027	< 0.5	< 0.5	10	---	---	
	6/13/1995	110	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	9/14/1995	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	3/26/1996	< 50	0.0046	< 0.5	< 0.5	6	---	---	
	6/24/1996	64	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	12/26/1996	< 50	0.0016	< 0.5	6	5	---	---	
	6/24/1997	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	12/16/1997	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	6/15/1998	---	---	---	---	---	---	---	
	1/6/1999	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	7/12/1999	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	---	
	12/20/1999	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---	
	12/14/2000	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	
	3/14/2001	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	
	6/12/2002	< 50	< 0.5	< 0.5	< 0.5	< 0.5	0.52	< 0.5	
	9/11/2002	< 50	< 0.3	< 0.3	< 0.3	< 0.6	< 5.0	< 5.0	
	12/11/2002	< 50	< 0.3	< 0.3	< 0.3	< 0.6	< 5.0	< 5.0	
	3/17/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	6/17/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	9/15/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	12/15/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	3/16/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	0.69	< 0.5	
	6/14/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	0.99	< 0.5	
	9/14/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	
	12/14/2004	< 50	0.72	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in µg/L.)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-10	8/5/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 25	—	
	9/14/1994	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	12/6/1994	230	< 0.5	< 0.5	20	2.2	—	—	
	3/9/1995	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	6/13/1995	110	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	9/14/1995	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	3/26/1996	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	6/24/1996	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	12/26/1996	138	< 0.5	< 0.5	< 0.5	7	—	—	
	6/24/1997	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	12/16/1997	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	6/15/1998	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	1/6/1999	< 50	< 0.5	< 0.5	< 0.5	< 0.5	—	—	
	7/12/1999	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 2.0	—	
	12/20/1999	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	—	
	12/14/2000	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	
	3/14/2001	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	
	6/12/2002	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
	9/11/2002	< 50	< 0.3	< 0.3	< 0.3	< 0.6	< 5.0	< 5.0	
	12/11/2002	< 50	< 0.3	< 0.3	< 0.3	< 0.6	< 5.0	< 5.0	
	3/17/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	6/17/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	9/15/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	12/15/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	3/16/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	
	6/14/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	
	9/14/2004	< 50	0.68	0.50	< 0.5	< 1.0	< 0.5	< 0.5	
	12/14/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in  $\mu\text{g/L}$ )

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-11	8/5/1994	6,800	< 0.5	< 0.5	4.2	12	< 25	---	
	9/14/1994	2,000	30	3.2	14	98	---	---	
	12/6/1994	390	< 0.5	< 0.5	< 0.5	0.6	---	---	
	3/9/1995	< 50	5	< 0.5	< 0.5	< 0.5	---	---	
	6/13/1995	2,400	17	< 2	3	5.8	---	---	
	9/14/1995	1,400	< 1	1.7	2.8	5.4	---	---	
	3/26/1996	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	6/24/1996	1,370	16.7	2.8	6	2.3	---	---	
	12/26/1996	93	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	6/24/1997	< 50	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	12/16/1997	240	< 0.5	< 0.5	< 0.5	< 0.5	---	---	
	6/15/1998	1,240	< 0.5	6.2	2.69	3.33	---	---	
	1/6/1999	2,370	61.7	2.42	8.61	12.2	---	---	
	7/12/1999	1,010	8.57	5.79	0.947	0.956	21.4	---	
	12/20/1999	624	< 0.5	< 0.5	< 0.5	< 0.5	< 2.5	---	
	12/14/2000	540	< 0.5	16	< 0.5	< 0.5	1.8	< 1.0	
	3/14/2001	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	
	6/12/2002	420	< 0.5	13	< 0.5	< 0.5	13	< 0.5	
	9/11/2002	< 50	< 0.3	< 0.3	< 0.3	< 0.6	6.9	< 5.0	
	12/11/2002	< 50	< 0.3	3.3	< 0.3	< 0.6	< 5.0	< 5.0	
	3/17/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	6/17/2003	270	< 0.5	11	< 0.5	< 1.0	9	< 5.0	
	9/15/2003	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	12/15/2003	81	< 0.5	< 0.5	< 0.5	< 1.0	< 5.0	< 5.0	
	3/16/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	< 0.5	< 0.5	
	6/14/2004	150	< 0.5	5.0	0.78	< 1.0	6.9	< 0.5	
	9/14/2004	< 50	< 0.5	< 0.5	< 0.5	< 1.0	3.6	< 0.5	
	12/14/2004	95	< 0.5	2.5	0.67	< 1.0	< 0.5	< 0.5	

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in  $\mu\text{g/L}$ )

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-12	8/5/1994	2,900	19	1.3	6	24	< 25	--	
	9/14/1994	4,800	88	12	140	120	--	--	
	12/6/1994	4,500	68	7	170	180	--	--	
	3/9/1995	< 50	< 0.5	< 0.5	< 0.5	< 0.5	--	--	
	6/13/1995	3,500	19	16	67	64	--	--	
	9/14/1995	13,000	120	18	490	340	--	--	
	3/26/1996	< 50	< 0.5	< 0.5	< 0.5	< 0.5	--	--	
	6/24/1996	11,300	83	13.1	408	295	--	--	
	12/26/1996	6,400	27.8	< 5	113	111	--	--	
	6/24/1997	1,000	13	1.5	44	34	--	--	
	12/16/1997	3,000	15	4.9	50	50	--	--	
	6/15/1998	7,850	170	7.58	180	138	--	--	
	1/6/1999	13,900	257	47.9	456	279	--	--	
	7/12/1999	11,300	228	< 20	384	252	< 2.0	--	
	12/20/1999	12,300	191	< 50	479	296	< 250	--	
	12/14/2000	14,000	55	16	430	220	< 2.0	EDC-2.6	
	3/14/2001	11,000	< 0.5	8.8	160	120	< 25	EDC-1.3	
	6/12/2002	17,000	95	16	150	60	< 10	< 10	
	9/11/2002	3,900	65	19	220	110	< 5.0	< 5.0	
	12/11/2002	6,800	34	ND < 1.5	370	130	< 5.0	< 5.0	
	3/17/2003	7,000	13	< 5.0	110	79	< 5.0	< 5.0	
	6/17/2003	6,400	30	24	280	160	< 5.0	< 5.0	
	9/15/2003	8,600	53	47	370	190	< 5.0	< 5.0	
	12/15/2003	7,700	72	54	390	170	< 5.0	< 5.0	
	3/16/2004	3,200	40	6.5	51	120	< 0.5	1,2 DCA -2.6	
	6/14/2004	150	0.96	< 0.5	3.9	3.4	< 0.5	< 0.5	
	9/14/2004	6,800	41	50	390	170	< 5	< 5	
	12/14/2004	4,900	20	39	230	81	< 0.5	< 0.5	

**TABLE 2**  
**ANALYTICAL RESULTS: GROUNDWATER**  
**CLOUDBURST CAR WASH**  
**1322 FOURTH STREET**  
**SANTA ROSA, CALIFORNIA**  
(all results in  $\mu\text{g/L}$ )

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons as Gasoline	Aromatic Volatile Organics				MTBE	EDB/ EDC	Notes
			Benzene	Toluene	Ethyl-Benzene	Total Xylenes			
MW-13	9/14/2004	5,300	4,200	12	46	45	1,800	<20	slight odor
	12/14/2004	12,000	5,200	25	370	190	1,000	TBA=410	
MW-14	9/14/2004	45,000	2,800	430	2,400	3,400	520	<20	slight sheen
	12/14/2004	21,000	1,700	420	2,000	4,500	110	<0.5	

Notes:  
 $\mu\text{g/L}$  = Micrograms per liter.  
LNAPL = Light Non-Aqueous Phase Liquid  
< = Below the indicated reporting limits.  
ND < = Not detected, reporting limit raised due to sample dilution.  
--- = Not sampled.

# CAMBRIA

Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. TOC	Date	DTW ft.	SPH ft.	GW ft.	TPHd fl. bgs	TPHm ft.	TPHg ft.	Benzene ppm	Ethyl benzene ppm	Xylenes ppm	MTBE ppm	DiP ppm	ETBE ppm	TAME ppm	TBA ppm
					Thickness Elev. ft.	Thickness Elev. ft.	Thickness Elev. ft.								
MW-1	10/22/1998 21.17	--	159.57	590	ND	--	7,500	220	26	130	370	ND	ND	ND	ND
<i>180.74</i>	1/29/1999 17.50	--	163.24	910	ND	--	16,000	210	ND	640	1,500	ND	ND	ND	ND
<i>(semi annual)</i>	5/11/1999 15.99	--	164.75	2,200	ND	--	6,200	94	11	320	760	ND	ND	ND	ND
	7/28/1999 26.02	--	160.72	770	ND	--	3,300	80	8.7	110	200	ND	ND	ND	ND
	10/29/1999 21.26	--	159.48	290	ND	--	2,700	110	42	110	190	ND	ND	ND	ND
	1/20/2000 19.04	--	161.70	380	ND	--	3,200	110	11	110	240	ND	ND	ND	ND
	3/24/2000 13.31	--	167.43	2,200	ND	--	11,000	110	10	440	1,000	ND	ND	ND	ND
	7/12/2000 19.18	--	161.56	580	ND	--	2,700	66	6.5	78	200	ND	ND	ND	ND
	10/10/2000 20.96	--	159.78	420	ND	--	2,400	72	9.1	110	190	ND	ND	ND	ND
	3/15/2001 15.42	--	165.32	2,300	ND	--	23,000	120	10	900	1,600	ND	ND	ND	ND
	4/27/2001 --	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/27/2001 20.40	--	160.34	700	a	<500	500	2,300	110	4	150	108	<5	<5	<5
	9/21/2001 20.97	--	159.77	--	--	--	--	--	--	--	--	--	--	--	--
	9/25/2002 --	--	--	2,200	a	<500	2,000	a	2,300	76	5	120	137	<1	<1
	3/13/2002 20.08	--	160.66	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2002 --	--	--	--	--	--	--	<50	<1	<1	<1	<3	<1	<1	<1
	6/12/2002 19.71	--	161.03	--	--	--	--	--	--	--	--	--	--	--	--
	9/11/2002 22.15	--	158.59	--	--	--	--	--	--	--	--	--	--	--	--
	9/12/2002 --	--	--	--	--	--	--	1,670	71	3	124	94	<1	<1	<1
	12/11/2002 21.17	--	159.57	--	--	--	--	--	--	--	--	--	--	--	--
	3/17/2003 14.88	--	165.86	--	--	--	--	--	--	--	--	--	--	--	--
	3/18/2003 --	--	--	--	--	--	--	<50	<1	<1	<1	<3	<1	<1	<1
	6/16/2003 17.30	--	163.44	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2003 20.08	--	160.66	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/2003 --	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/15/2003 17.50	--	163.24	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004 14.37	--	166.37	--	--	--	--	--	--	--	--	--	--	--	--
	3/17/2004 --	--	--	--	--	--	--	2,300	c	22	3.6	69	50	<5.0	<5.0
	6/14/2004 19.51	--	161.23	--	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004 23.50	--	157.24	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/2004 --	--	--	--	--	--	--	480	c	220	0.79	5.6	<0.5	32	<1
	<b>12/14/2004 18.05</b>	<b>--</b>	<b>162.69</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>MW-2</b>	10/22/1998 20.89	--	159.63	1,200	ND	--	22,000	2,600	67	310	1,00	5,700	ND	6.7	200
<i>180.32</i>	1/29/1999 17.31	--	163.21	370	ND	--	16,000	2,200	120	470	1,900	5,400	ND	7.4	120
	5/11/1999 15.88	--	164.64	1,100	ND	--	10,000	1,200	140	500	2,000	2,300	ND	ND	120
	7/28/1999 19.73	--	160.79	1,000	ND	--	10,000	1,500	80	580	2,000	2,800	ND	81	81
	10/29/1999 21.01	--	159.51	210	ND	--	6,700	980	83	330	970	2,200	ND	ND	33
	1/20/2000 18.92	--	161.60	520	ND	--	4,200	480	18	120	370	1,200	ND	ND	ND
	3/24/2000 13.38	--	167.14	870	ND	--	9,900	490	ND	190	570	990	ND	ND	ND
	7/12/2000 18.97	--	161.55	540	110	--	10,000	1,700	29	430	1,000	1,500	ND	ND	ND
	10/11/2000 20.81	--	159.71	910	ND	--	5,900	830	17	220	290	1,100	ND	1.8	35
	3/15/2001 15.45	--	165.97	470	ND	--	6,500	2,000	29	260	950	720	ND	ND	33
	4/27/2001 17.29	--	163.23	--	--	--	--	--	--	--	--	--	--	--	--
	6/27/2001 20.10	--	160.42	330	a	<500	260	3,800	560	10	84	83	720	<10	<10
	9/21/2001 20.79	--	159.73	--	--	--	--	--	--	--	--	--	--	--	--
	9/25/2001 --	--	--	1,200	a	<500	1,500	a	3,700	590	16	210	520	940	<1
	3/13/2002 19.93	--	160.59	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/2002 --	--	--	830	a	--	--	3,640	978	16	146	613	666	--	--
	6/12/2002 19.11	--	161.41	580	a	--	--	2,820	1,090	6	16	116	421	--	--
	<b>MF-2</b>	<b>9/11/2002 21.90</b>	<b>--</b>	<b>155.62</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<i>cont'd</i>	9/13/2002 --	--	--	1,490	a	--	--	4,230	1,260	20	297	496	760	--	--
	12/11/2002 20.85	--	159.67	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/2002 --	--	--	1,640	a	--	--	10,300	990	21	301	378	1,060	--	--
	3/17/2003 14.25	--	166.27	--	--	--	--	--	--	--	--	--	--	--	--
	3/19/2003 --	--	--	1,260	--	--	--	4,900	641	19	38	755	294	--	--
	6/16/2003 16.61	--	163.91	--	--	--	--	--	--	--	--	--	--	--	--

# CAMBRIA

Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No.	Date	DTW	SPH	GW	TPHd	TPHm	TPHg	Benzene	Toluene	Ethylene	MTBE	DPE	ETBE	TAME	mg/L	
TOC ft. bgs																↑
																↓
6/18/2003	--	--	--	1,170 a	--	--	4,930	871	13.6	251	504	524	--	--	--	--
9/15/2003	19.57	--	160.95	--	--	--	850 c	100	4.1	<1.7	55	360	--	--	--	--
9/17/2003	--	--	390 d	--	--	--	--	--	--	--	--	--	--	--	--	--
12/15/2003	16.95	--	163.57	--	--	--	--	1,900 c	310	11	18	22	450	--	--	--
12/16/2003	--	--	450 d	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/2004	14.29	--	166.23	--	--	--	--	26,000 c	2,200	80	680	4,600	1,700	--	--	--
3/17/2004	--	--	8,500 d,e	--	--	--	--	--	--	--	--	--	--	--	--	--
6/14/2004	19.56	--	160.96	--	--	--	--	--	--	--	--	--	--	--	--	--
6/15/2004	--	--	2,400 d	--	--	--	18,000 c	2,400	79	910	2,800	1,800	--	--	--	--
9/14/2004	23.20	--	157.32	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/2004	--	--	2,700 d	--	--	--	14,000 c	2,200	56	710	1,200	1,300	--	--	--	--
12/14/2004	18.80	--	161.72	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/2004	--	--	2,600 d	--	--	--	17,000 a	1,900	58	1,000	2,100	1,300	--	--	--	--
DUP	12/16/2004	--	--	3,100 d	--	--	16,000 a	2,100	57	1,000	<1,400	<1,400	--	--	--	--
MW-3	10/22/1998	20.52	--	159.59	2,100	ND	--	78,000	18,000	840	1,100	2,500	11,000	ND	ND	24
I80.11	1/29/1999	16.93	--	163.18	1,000	ND	--	85,000	24,000	2,500	2,000	7,700	12,000	ND	ND	30
5/11/1999	15.61	--	164.50	1,600	ND	--	38,000	4,000	1,200	1,500	4,400	10,000	ND	ND	22	
7/28/1999	19.36	--	160.75	2,600	ND	--	35,000	12,000	910	1,700	4,700	11,000	ND	ND	27	
10/29/1999	20.61	--	159.50	900	ND	--	56,000	14,000	520	1,400	2,900	12,000	ND	ND	350	
1/20/2000	18.54	--	161.57	2,600	ND	--	51,000	8,900	450	1,000	2,600	7,600	ND	ND	ND	
3/24/2000	13.19	--	166.92	3,200	ND	--	68,000	10,000	630	1,900	5,200	500	ND	ND	2,400	
7/12/2000	18.58	--	161.53	2,000	ND	--	44,000	8,900	350	1,200	2,300	7,900	ND	ND	ND	
10/11/2000	20.39	--	159.72	2,100	ND	--	50,800	11,000	520	880	1,000	7,600	ND	ND	22	
3/15/2001	15.11	--	163.00	ND	--	--	71,000	32,000	440	1,600	3,500	9,300	ND	ND	31	
4/7/2001	16.96	--	163.15	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2001	19.75	--	160.36	1,700 a	<500	2,100 a	44,000	8,700	110	1,300	860	5,800	<5	<5	<5	<50
9/21/2001	20.41	--	159.70	--	--	--	--	--	--	--	--	--	--	--	--	
9/25/2001	--	--	3,100 a	<500	2,900 a	15,000	6,700	107	1,200	962	3,300	<1	<1	<1	<50	
3/13/2002	19.60	--	160.51	--	--	--	--	--	--	--	--	--	--	--	--	
3/15/2002	--	--	3,230 a	--	--	--	21,100	6,590	79	1,150	802	3,030	--	--	--	
DUP	3/15/2002	--	2,150 a	--	--	--	18,600	6,120	83	1,120	789	3,650	--	--	--	
6/12/2002	20.51	--	159.60	--	--	--	--	--	--	--	--	--	--	--	--	
6/13/2002	--	--	3,310 a	--	--	--	16,000	5,950	84	1,020	713	2,810	--	--	--	
9/11/2002	21.50	--	158.61	--	--	--	--	--	--	--	--	--	--	--	--	
9/13/2002	--	--	3,470 a	--	--	--	19,300	7,630	710	1,180	1,760	2,470	--	--	--	
12/11/2002	20.10	--	160.01	--	--	--	--	--	--	--	--	--	--	--	--	
12/12/2002	--	--	8,660 a	--	--	--	18,800	9,450	1,230	2,070	4,656	1,057	--	--	--	
DUP	12/12/2002	--	8,090 a	--	--	--	21,300	10,200	1,160	1,880	3,901	1,260	--	--	--	
3/17/2003	13.97	--	166.14	--	--	--	--	--	--	--	--	--	--	--	--	
3/19/2003	--	--	6,330	--	--	--	23,000	5,420	307	2,260	3,677	1,260	--	--	--	
DUP	3/19/2003	--	163.61	--	--	--	22,700	5,240	305	2,210	3,590	1,260	--	--	--	
6/16/2003	16.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. TOC	Date	DW	SPH	GW	TPhA	TPHm	TPHg	Benzene	Toluene	Ethy- benzene	Xylenes 1,3,5-L	MTBE	DPE	ETBE	TAME	TBA	
	Sampled	Thickness	Elev.	ft. bgs	ft.	ft.	ft.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MW-3 <i>cont'd</i>	6/18/2003	--	--	11,400 a	--	--	--	34,900	7,990	2,730	4,250	520	--	--	--	--	
9/15/2003	19.33	--	160.78	--	--	--	--	21,000 c	6,400	110	1,400	830	2,100	--	--	--	
DUP	9/17/2003	--	--	2,600 d	--	--	--	25,000 c	6,900	96	1,500	820	2,200	--	--	--	
12/15/2003	16.81	--	163.30	--	--	--	--	29,000 c	7,500	240	2,300	500	1,300	--	--	--	
12/16/2003	--	--	3,200 d	--	--	--	--	30,000 c	7,000	240	1,500	2,100	2,800	--	--	--	
3/16/2004	15.64	--	164.47	--	--	--	--	29,000 c	7,600	480	3,300	6,300	<1,000	--	--	--	
3/17/2004	--	--	3,900 d, e	--	--	--	--	30,000 c	7,000	240	1,500	2,100	2,800	--	--	--	
DUP	3/17/2004	--	--	4,700 d, e	--	--	--	29,000 c	6,900	240	1,600	2,000	2,300	--	--	--	
6/15/2004	20.87	--	159.24	--	--	--	--	47,000 c	7,600	480	3,300	6,300	<1,000	--	--	--	
9/14/2004	22.55	--	157.56	--	--	--	--	39,000 c	3,800	150	2,300	2,100	<700	--	--	--	
9/16/2004	--	--	4,400 d	--	--	--	--	39,000 c	3,800	150	2,300	2,100	<700	--	--	--	
12/14/2004	20.40	--	159.71	--	--	--	--	44,000 a	6,300	520	3,800	9,000	<500	--	--	--	
12/16/2004	--	--	4,600 b,d	--	--	--	--	44,000 a	6,300	520	450	260	ND	ND	ND	ND	
MW-4 <i>J80.37</i>	10/22/1998	21.02	--	159.35	1,000	ND	--	17,000	3,000	44	520	450	260	ND	ND	ND	
12/9/1999	17.41	--	162.96	850	ND	--	--	33,000	4,500	320	2,000	5,800	290	ND	ND	ND	
5/11/1999	16.17	--	164.20	2,900	ND	--	--	21,000	2,200	320	1,800	6,000	260	ND	ND	ND	
7/28/1999	19.93	--	160.44	430	ND	--	--	7,300	1,500	61	380	1,000	100	ND	ND	ND	
10/29/1999	21.06	--	159.31	590	ND	--	--	12,000	1,300	150	590	1,300	ND	ND	ND	ND	
1/20/2000	18.94	--	161.43	2,300	ND	--	--	19,000	1,700	150	7,800	2,200	130	ND	ND	ND	
3/24/2000	13.61	--	166.76	5,300	ND	--	--	42,000	750	390	1,800	6,500	ND	ND	ND	ND	
7/12/2000	19.17	--	161.20	730	ND	--	--	14,000	1,700	73	850	2,100	ND	ND	ND	ND	
10/11/2000	20.85	--	159.52	370	ND	--	--	6,300	500	32	250	500	66	ND	ND	ND	
3/15/2001	15.59	--	164.78	1,200	ND	--	--	46,000	2,300	180	1,700	4,500	56	ND	ND	ND	
4/27/2001	17.43	--	162.94	--	--	--	--	1,700 a	11,000	1,400	61	1,500	1,938	140	<1	<1	
6/27/2001	20.22	--	160.15	1,200 a	<500	--	--	--	--	--	--	--	--	--	--	<10	
9/21/2001	20.95	--	159.42	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/25/2001	--	--	1,200 a	<500	1,000 a	4,200	--	780	25	760	295	61	<1	<1	<1	<10	
3/13/2002	20.03	--	160.34	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/15/2002	--	--	7,470 a	--	--	--	--	7,100	719	169	1,250	1,822	7	--	--	--	
6/12/2002	21.10	--	159.27	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/13/2002	--	--	7,460 a	--	--	--	--	20,100	1,400	121	2,860	2,420	70	--	--	--	
9/11/2002	22.00	--	158.37	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/13/2002	--	--	1,200 a	<500	1,000 a	4,200	--	780	25	760	295	61	<1	<1	<1	<10	
9/13/2002	--	--	3,460 a	--	--	--	--	3,760	980	47	1,560	328	12	--	--	--	
12/11/2002	20.95	--	2,120 a	--	--	--	--	3,520	1,000	50	1,370	344	20	--	--	--	
12/12/2002	--	--	159.42	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2003	14.41	--	160.66	--	--	--	--	8,300	1,060	102	1,020	1,145	59	--	--	--	
3/19/2003	--	--	7,630	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/16/2003	16.93	--	163.44	--	--	--	--	7,200	438	14	1,230	504	54	--	--	--	
6/18/2003	--	--	9,340 a	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	19.71	--	160.56	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/17/2003	--	--	2,600 d	--	--	--	--	8,300 c	1,200	56	1,800	330	<100	--	--	--	
12/15/2003	18.60	--	161.77	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/16/2003	--	--	1,400 d	--	--	--	--	7,700 c	810	58	820	840	<250	--	--	--	
DUP	3/16/2004	14.75	--	165.62	--	--	--	8,100 c	840	55	840	710	<130	--	--	--	

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**Table 1.** Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates-1333 Fourth Street, Santa Rosa, CA

Well No. TOC	Date	DTW	SPH	GW	TPHd	TPHmo	TPHs	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE	DPE	ETBE	TAME	TBA	µg/L	
																	↑	↓
MW-4 com'd	3/17/2004	--	--	--	4,400 d	--	--	23,000 c	1,600	1,500	3,200	<500	--	--	--	--	--	
6/14/2004	19.95	--	160.42	--	--	--	--	12,000 c	1,100	59	1,500	980	<100	--	--	--	--	
DUP	6/15/2004	--	--	2,800 d	--	--	--	6,500 c	1,100	31	860	540	<50	--	--	--	--	
9/14/2004	21.85	--	1,600 d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/16/2004	--	--	158.52	--	--	--	--	4,700 c	290	22	340	350	<80	--	--	--	--	
12/14/2004	20.55	--	850 d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/16/2004	--	--	159.82	--	--	--	--	26,000 a	1,300	140	3,300	3,300	<170	--	--	--	--	
MW-5	10/22/1998	21.58	--	159.29	3,100	ND	--	91,000	25,000	1,300	670	1,300	7,700	ND	ND	9.1	300	
1/29/1999	17.95	--	162.92	5,700	ND	--	--	350,000	36,000	24,000	3,600	16,900	8,200	ND	ND	ND	640	
(semi annual)	5/11/1999	16.73	--	164.14	3,800	ND	--	73,000	21,000	7,900	1,600	5,800	13,000	ND	ND	ND	1,000	
7/28/1999	20.38	--	160.49	1,900	ND	--	--	59,000	19,000	7,200	2,100	7,700	11,000	ND	ND	ND	500	
10/29/1999	21.57	--	159.30	2,100	ND	--	--	75,000	20,000	1,500	870	1,200	11,000	ND	ND	ND	ND	
1/20/2000	19.52	--	161.35	4,100	ND	--	--	110,000	16,000	6,600	1,300	4,800	8,400	ND	ND	ND	ND	
3/24/2000	14.31	--	166.56	4,400	ND	--	--	170,000	20,000	9,200	1,500	6,800	3,000	ND	ND	ND	2,000	
7/12/2000	19.63	--	161.24	2,800	ND	--	--	110,000	20,000	6,000	1,400	5,000	7,500	ND	ND	ND	ND	
10/10/2000	21.36	--	159.51	3,800	ND	--	--	78,000	21,000	1,200	760	690	9,000	ND	ND	ND	820	
3/15/2001	16.18	--	164.69	4,400	ND	--	--	170	15,000	1,100	2,300	5,200	6,400	ND	ND	ND	730	
4/27/2001	18.00	--	162.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2001	20.80	--	160.07	7,900 a	<500	10,000 a	160,000	3,000	10,000	<20	5,100	6,600	<20	<20	<20	<20	<1000	
9/21/2001	21.51	--	159.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/25/2001	--	--	--	26,000 a	<500	30,000 a	27,000	980	1,400	5,000	5,500	<1	<1	15	<50	--	--	
3/13/2002	20.59	--	160.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/15/2002	--	--	16,500 a	--	--	--	--	77,000	30,500	8,540	3,290	15,290	4,220	--	--	--	--	
6/12/2002	21.27	--	159.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2002	22.09	--	158.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/13/2002	--	--	11,400 a	--	--	--	--	47,800	25,500	638	2,810	8,650	3,240	--	--	--	--	
12/17/2002	20.38	--	160.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2003	14.11	--	166.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/19/2003	--	--	15,200	--	--	--	--	48,200	8,150	8,130	2,080	2,080	12,750	615	--	--	--	
6/16/2003	16.57	--	164.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	19.39	--	161.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/17/2003	--	--	--	9,000 d,e,f	--	--	--	110,000 c	23,000	500	3,300	12,000	3,600	--	--	--	--	
12/15/2003	16.85	--	164.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/16/2004	15.26	--	165.61	--	--	--	--	45,000 c	14,000	160	1,200	1,900	2,800	--	--	--	--	
3/17/2004	--	--	13,000 d	--	--	--	--	75,000 c	21,000	2,800	1,600	9,600	<4,500	--	--	--	--	
180.88	6/14/2004	20.48	--	160.40	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/14/2004	23.61	--	157.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/16/2004	--	--	3,800 d	--	--	--	--	40,000 c	12,000	120	1,000	1,500	2,700	--	--	--	--	
DUP	9/16/2004	--	--	3,300 d	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/14/2004	20.69	--	160.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
<b>MW-6</b>	3/24/2000	14.21	--	167.33	2,400	ND	--	--	4,600	0.78	1.1	--	23	ND	ND	ND	ND	
<b>181.54</b>	7/12/2000	20.11	--	161.43	1,000	ND	--	--	5,900	59	ND	180	98	ND	ND	ND	ND	
10/10/2000	21.78	--	159.76	890	ND	--	--	--	8,200	46	24	98	86	0.91	ND	ND	ND	
3/15/2001	16.31	--	165.23	660	ND	--	--	--	4,300	4.6	2.5	82	28	ND	ND	ND	ND	
4/27/2001	18.12	--	163.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/27/2001	21.30	--	160.24	700 a	<500	590	--	16,000	3	2	26	10	<1	<1	<1	<1	--	
9/21/2001	22.05	--	159.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. <i>TOC</i>	Date	DTW	SPH	GW	TPhd	TPhmo	TPhg	Benzene	Toluene	Ethy- benzene	MTBE	DPE	ETBE	TAME	TBA
		ft.	ft.	Thickness	Elev.										
		ft. bgs	ft.												
MW-6 <i>cont'd</i>	9/24/2001	--	--	2,100 a	<500	1,800 a	7,200	43	4	19	22	33	<1	<1	<50
3/13/2002 21.12	--	--	160.42	--	--	--	--	413	134	48	20	114	65	--	--
3/14/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/12/2002 20.60	--	--	160.94	--	--	--	--	--	--	--	--	--	--	--	--
6/13/2002 23.15	--	--	--	--	--	--	--	1,390	1	<1	6	<3	<1	--	--
9/11/2002	--	--	158.39	--	--	--	--	--	--	--	--	--	--	--	--
9/13/2002	--	--	--	--	--	--	--	1,360	12	<1	7	12	5	--	--
12/11/2002 22.05	--	159.49	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/2002	--	--	--	--	--	--	--	1,570	1	<1	8	3	<1	--	--
3/17/2003 16.80	--	164.74	--	--	--	--	--	--	--	--	--	--	--	--	--
3/18/2003	--	--	--	--	--	--	--	288	<1	<1	<1	<3	<1	--	--
6/16/2003 19.23	--	162.31	--	--	--	--	--	--	--	--	--	--	--	--	--
6/17/2003	--	--	--	--	--	--	--	1,710	112	2.3	19.1	5.7	<1	--	--
9/15/2003 21.99	--	159.55	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/2003	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
12/15/2003 19.62	--	161.92	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/2003	--	--	--	--	--	--	--	1,600 c	1.4	16	2.6	<5.0	--	--	--
3/16/2004 16.55	--	164.99	--	--	--	--	--	--	--	--	--	--	--	--	--
3/17/2004	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
6/14/2004 21.72	--	159.82	--	--	--	--	--	--	--	--	--	--	--	--	--
6/15/2004	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
9/14/2004 24.89	--	156.65	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2004	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
12/14/2004 19.90	--	161.64	--	--	--	--	--	--	--	--	--	--	--	--	--
12/15/2004	--	--	--	--	--	--	--	800 a	<0.5	4.9	0.90	1.4	<5.0	--	--
MW-7 <i>180.59 (semi annual)</i> 10/10/2000 20.69	7/12/2000 18.90	167.79	ND	--	4,100	0.83	1.4	1.3	4.3	ND	ND	ND	ND	ND	ND
3/15/2001 15.12	--	161.69	ND	--	220	6.0	4.0	8.2	29	ND	ND	ND	ND	ND	ND
4/27/2001 17.09	--	159.90	ND	--	290	10	11	13	35	ND	ND	ND	ND	ND	ND
6/27/2001 20.00	--	160.59	<50	<50	<50	<1	2	<1	<1	<1	<1	<1	<1	<1	<1
9/21/2001 20.89	--	159.70	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/2001	--	--	<50	<50	<50	81	1	<1	<1	<1	<1	<1	<1	<1	<1
3/13/2002 19.82	--	160.77	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2002	--	--	--	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	<1
6/12/2002 19.18	--	161.41	--	--	--	--	--	--	--	--	--	--	--	--	--
9/11/2002 21.95	--	158.64	--	--	--	--	--	--	--	--	--	--	--	--	--
9/12/2002	--	--	--	--	--	--	--	144	<1	<1	<1	<3	162	--	--
12/11/2002 21.74	--	158.85	--	--	--	--	--	--	--	--	--	--	--	--	--
3/17/2003 15.20	--	163.39	--	--	--	--	--	--	--	--	--	--	--	--	--
3/18/2003	--	--	--	--	--	--	--	102	<1	<1	<1	<3	<1	--	--
6/16/2003 17.70	--	162.89	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2003 20.45	--	160.14	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/2003	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
12/15/2003 18.11	--	162.48	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/2004 13.90	--	166.69	--	--	--	--	--	--	--	--	--	--	--	--	--
3/17/2004	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--
6/14/2004 19.15	--	161.44	--	--	--	--	--	--	--	--	--	--	--	--	--
9/14/2004 23.06	--	157.53	--	--	--	--	--	--	--	--	--	--	--	--	--

# CAMBRIA

Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. TCC	Date	DTW ft. bgs	SPH ft.	GW ft.	Thickness ft.	Elev. ft.	TPH <sub>o</sub>	TPH <sub>a</sub>	TPH <sub>b</sub>	Benzene	Toluene	Ethy- benzene	Xylenes	MTBE	DPE	ETBE	TAME	TBA	
MW-7 cont'd	9/15/2004	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-8D J8/12	3/24/2000 19.80	--	162.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	7/12/2000 23.16	--	161.32	--	--	--	--	--	--	--	--	--	--	--	18	ND	ND	ND	
	10/11/2000 24.78	--	157.96	--	--	--	--	--	--	--	--	--	--	--	32	ND	ND	ND	
	3/16/2001 20.47	--	156.34	--	--	--	--	--	--	--	--	--	--	--	35	ND	ND	11	
	4/27/2001 22.07	--	160.65	--	--	--	--	--	--	--	--	--	--	--	21	ND	ND	ND	
	6/27/2001 24.85	--	159.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	9/21/2001 25.51	--	156.27	--	--	--	--	6	23	<1	31	23	<1	<1	<1	<1	<1	<1	
	9/25/2001 --	--	155.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	3/13/2002 24.33	--	<50	<50	77	<1	<1	<1	<1	<1	<2	11	<1	<1	<1	<1	<1	<1	
	3/15/2002 --	--	156.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	6/12/2002 23.29	--	157.83	--	--	--	--	<50	<1	<1	<3	8	<1	<1	<1	<1	<1	<1	
	6/13/2002 --	--	157.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DUP	6/13/2002 --	--	156.61	--	--	--	--	130	<1	<1	4	4	<1	<1	<1	<1	<1	<1	
	9/11/2002 25.90	--	155.22	--	--	--	--	62	<1	<1	<3	9	<1	<1	<1	<1	<1	<1	
	9/12/2002 --	--	156.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/11/2002 24.55	--	156.57	--	--	--	--	170	<1	<1	<3	1	<1	<1	<1	<1	<1	<1	
	3/17/2003 19.30	--	161.82	--	--	--	--	--	--	--	--	--	--	--	27	<1	<1	<1	
	3/19/2003 --	--	<50	--	--	--	--	62	<1	<1	<3	1	<1	<1	<1	<1	<1	<1	
	6/16/2003 21.76	--	159.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	6/17/2003 --	--	<50	--	--	--	--	80	0.7	<0.5	2.3	<1	<1	<1	<1	<1	<1	<1	
	9/15/2003 24.59	--	156.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	9/16/2003 --	--	161.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/15/2003 21.47	--	159.65	--	--	--	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5	<0.5	
	12/16/2003 --	--	<50	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	3/16/2004 19.71	--	161.41	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	6/14/2004 22.99	--	156.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	6/15/2004 --	--	<50	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	9/14/2004 26.01	--	155.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	9/15/2004 --	--	<50	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	12/14/2004 21.71	--	159.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/15/2004 --	--	<50	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-9D I79.93	3/24/2000 17.94	--	161.99	--	--	--	--	--	--	--	--	--	--	--	100	ND	ND	ND	
	7/12/2000 22.03	--	157.90	--	--	--	--	--	--	--	--	--	--	--	220	ND	ND	ND	
	10/10/2000 23.71	--	156.22	--	--	--	--	--	--	--	--	--	--	--	150	ND	ND	59	
	3/14/2001 19.37	--	160.56	--	--	--	--	--	2.7	1.8	0.98	2.6	110	ND	ND	13	106	<1	
	4/27/2001 20.99	--	158.94	--	--	--	--	--	--	--	--	--	--	--	<1	<1	<1	<1	
	6/26/2001 23.55	--	156.38	--	--	--	--	--	480	<1	<1	<1	<1	<1	<1	550	<1	<1	<1
	9/21/2001 24.07	--	155.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	9/24/2001 --	--	<50	<50	250	<1	<1	<1	<1	<1	<2	150	<1	<1	<1	<1	<1	<1	
	3/13/2002 23.09	--	156.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	3/14/2002 --	--	<50	--	--	--	--	--	--	--	--	--	--	--	<1	<1	<1	<1	
	6/12/2002 22.40	--	157.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	6/13/2002 --	--	<50	--	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	193	<1	<1	<1
	9/11/2002 25.13	--	154.80	--	--	--	--	--	--	--	--	--	--	--	--	160	<1	<1	<1
	9/12/2002 --	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/11/2002 24.08	--	155.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

# CAMBRIA

**Table 1.** Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. TOC	Date	DTW ft. bgs	SPH ft.	GW	TPHd	TPHm	TPHn	TPhs	Benzene	Toluene	Ethy- benzene	Xylenes	MTBE	ETBE	NAME	TBA
<b>MW-9D</b>																
cont'd	3/17/2003	18.97	--	160.96	--	--	--	80	<1	<1	<1	<1	<1	<1	<1	<1
3/18/2003	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
6/16/2003	21.40	--	--	158.53	--	--	--	64	<1	<1	<1	<1	<1	<1	<1	<1
6/17/2003	--	--	--	--	--	--	--	<50	<0.5	<0.5	0.5	1.5	<1	<1	<1	<1
9/15/2003	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/15/2003	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/2004	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>I79.72</b>	6/14/2004	22.93	--	156.79	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
6/15/2004	--	--	--	153.65	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
9/14/2004	26.07	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
9/15/2004	--	--	--	158.09	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/2004	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-10D</b>	3/24/2000	18.03	--	161.91	--	--	--	--	--	--	--	--	--	--	46	ND
<b>I79.94</b>	7/12/2000	22.04	--	157.90	--	--	--	--	--	--	--	--	--	--	86	ND
10/19/2000	23.67	--	--	156.27	--	--	--	--	--	--	--	--	--	--	93	ND
3/16/2001	19.44	--	--	160.50	--	--	--	--	--	--	--	--	--	--	62	ND
4/27/2001	21.03	--	--	158.91	--	--	--	--	--	--	--	--	--	--	62	ND
6/26/2001	23.25	--	--	156.69	--	--	--	<1	<1	<1	<1	<1	<1	<1	8	ND
9/21/2001	24.05	--	--	155.89	--	--	--	<500	<0.5	180	<1	<1	<1	<1	<1	<1
9/24/2001	--	--	--	<50	--	--	--	157.02	--	--	<1	<1	<1	<1	<1	<1
3/13/2002	22.92	--	--	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	<1	<1
3/14/2002	--	--	--	157.77	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
6/12/2002	22.17	--	--	--	--	--	--	--	69	<1	<1	<1	<1	<1	<1	<1
6/13/2002	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
9/11/2002	25.09	--	--	154.85	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
9/12/2002	--	--	--	--	--	--	--	--	155	<1	<1	<1	<1	<1	<1	<1
12/11/2002	24.01	--	--	155.93	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	<1
3/17/2003	18.99	--	--	160.95	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
3/18/2003	--	--	--	156.92	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	<1
6/16/2003	21.47	--	--	158.47	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
6/17/2003	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
9/15/2003	Inaccessible	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
12/15/2003	Inaccessible	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
3/16/2004	Inaccessible	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
<b>I79.60</b>	6/14/2004	22.68	--	157.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
6/15/2004	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
9/14/2004	26.73	--	--	152.87	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
9/15/2004	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
12/14/2004	22.42	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
<b>I79.61</b>	3/24/2000	13.29	--	167.55	7,900	160	--	29,000	19	14	370	1,100	ND	ND	ND	ND
6/16/2000	--	--	--	161.57	12,000	ND	--	79,000	200	54	2,500	3,600	ND	ND	ND	ND
3/15/2001	15.59	--	--	159.75	4,600	100	--	25,000	72	32	820	1,400	3.1	ND	ND	ND
4/27/2001	17.52	--	--	165.25	6,200	170	--	19,000	89	21	860	1,100	ND	ND	ND	ND
6/27/2001	20.40	--	--	163.32	--	--	--	--	--	--	--	--	--	--	--	--
				160.44	2,000	a	<500	2,600	a	10,000	31	1,200	320	110	<5	<5
																<250

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. TOC	Date	DTW ft. bgs	SPH ft.	GW Thickness ft.	TPhA ft.	TPhM ft.	TPhK ft.	TPhg ft.	Benzene ppb	Toluene ppb	Ethy- benzene ppb	Xylenes ppb	MTBE ppb	DPE	ETBE ppb	TAME ppb	TBA ppb
<i>MW-11</i>																	
cont'd	9/25/2001	21.09	--	159.75	--	--	--	--	30	9	460	580	<5	<5	<5	<5	<250
3/13/2002	20.05	--	160.79	--	<500	4,400 a	4,600 a	6,300	--	--	--	--	--	--	--	--	--
3/14/2002	--	--	--	--	--	--	--	<50	<1	<1	<1	<3	<1	--	--	--	--
6/12/2002	19.37	--	161.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/11/2002	21.40	--	159.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/12/2002	--	--	--	--	--	--	--	2,460	27	7	488	464	<1	<1	<1	<1	<1
12/11/2002	20.43	--	160.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/17/2003	15.60	--	165.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/18/2003	--	--	--	--	--	--	--	2,540	13	3	254	228	<1	<1	<1	<1	<1
6/16/2003	18.03	--	162.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2003	20.98	--	159.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/2003	--	--	--	--	--	--	--	--	3,300 c	17	13	260	140	<35	<35	<35	<35
12/15/2003	18.59	--	162.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/2004	14.40	--	166.44	--	--	--	--	--	2,700 c	24	8.5	220	120	<50	<50	<50	<50
3/17/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/14/2004	19.57	--	161.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/14/2004	23.29	--	157.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2004	--	--	--	--	--	--	--	--	550 c	270	1.1	8.9	<0.5	39	<1	<1	<1
12/14/2004	17.79	--	163.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>MW-12</i>																	
180.47	3/24/2000	14.14	--	166.53	21,000	260	--	120,000	920	ND	ND	ND	ND	ND	ND	ND	ND
7/12/2000	19.60	--	160.87	17,000	200	--	62,000	1,400	98	4,400	5,000	110	ND	ND	ND	ND	ND
10/11/2000	21.20	--	159.27	10,000	ND	--	45,000	840	ND	2,500	1,900	ND	ND	ND	ND	ND	ND
3/15/2001	16.14	--	164.33	5,200	170	--	33,000	740	40	1,700	1,500	130	ND	ND	ND	12	ND
4/7/2001	17.98	--	162.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/26/2001	20.70	--	159.77	25,000 b	120 b	26,000 b	25,000	940	40	3,300	2,179	110	<1	<1	<1	<1	<1
9/21/2001	20.99	--	159.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/25/2001	--	--	--	20,000 a	<500	19,000 a	48,000	1,100	120	3,900	2,520	76	<20	<20	<20	<1,000	<1,000
3/13/2002	20.51	--	159.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2002	--	--	--	1,090 a	--	--	--	5,770	660	22	1,490	781	50	<1	<1	<1	<1
6/12/2002	21.35	--	159.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/13/2002	--	--	--	11,800 a	--	--	--	19,600	721	<50	2,380	1,190	52	<1	<1	<1	<1
9/11/2002	22.43	--	158.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/12/2002	--	--	--	17,90 a	--	--	--	9,300	544	37	2,530	2,950	53	<1	<1	<1	<1
12/11/2002	21.20	--	159.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/2002	--	--	--	12,00 a	--	--	--	45,900	779	41	2,640	857	104	<1	<1	<1	<1
3/17/2003	14.92	--	165.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/19/2003	--	--	--	8,390	--	--	--	6,790	449	27	1,170	471	65	<1	<1	<1	<1
6/16/2003	17.34	--	163.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/17/2003	--	--	--	8,200 a	--	--	--	11,800	722	741	1,820	1,730	16	<1	<1	<1	<1
9/15/2003	20.10	--	160.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2003	--	--	--	550 d	--	--	--	1,800 c	330	10	<2.5	43	420	<1	<1	<1	<1
12/13/2003	17.90	--	162.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/2003	--	--	--	4,100 d	--	--	--	17,000 c	1,100	94	2,300	980	<300	<100	<100	<100	<100
3/6/2004	15.53	--	164.94	7,700 d	--	--	--	10,000 c	320	19	880	520	<100	<100	<100	<100	<100
6/14/2004	20.69	--	159.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/15/2004	--	--	--	11,000 d,c	--	--	--	26,000 c	980	930	1,100	5,000	<50	<50	<50	<50	<50
9/14/2004	23.68	--	156.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/2004	--	--	--	6,300 d	--	--	--	65,000 c	4,400	320	2,600	7,000	<350	<350	<350	<350	<350

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No.	Date	DTW	SPH	GW	THM	TPHmo	TPHn	Benzene	Toluene	Ethylen	Xylenes	MTBE	DPE	ETBE	TAME	TBA
TOC	Sampled	Thickness	Elev.	ft. bgs	ft.	ft.	ft.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MW-12 cont'd	12/14/2004 21.65	--	158.82	--	--	--	--	8,400 a	300	22	1,100	68	<70	--	--	--
MW-13	3/24/2000 13.97	--	166.09	15,000	ND	--	190,000	18,000	14,000	3,200	16,000	ND	ND	ND	ND	ND
180.06	7/12/2000 19.13	--	169.93	2,100	ND	--	99,000	16,000	8,10	19,000	6,700	6,600	ND	ND	ND	ND
10/11/2000 20.77	--	159.29	1,700	ND	--	69,000	17,000	230	790	680	7,800	ND	ND	19	940	
3/15/2001 15.78	--	164.28	4,600	130	--	110,000	11,000	3,300	2,800	11,000	12,000	ND	ND	ND	ND	
4/27/2001 17.60	--	162.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/26/2001 20.20	--	159.86	2,400	a	<500	2,900 a	78,000	17,000	590	1,900	6,100	7,100	<5	<5	<5	<250
9/21/2001 21.03	--	159.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/24/2001	--	--	12,000	a	<500	13,000 a	48,000	14,000	150	1,700	2,980	7,300	<100	<100	<100	<5,000
3/13/2002 19.97	--	160.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2002	--	--	5,850	a	--	--	--	58,900	23,200	5,940	3,080	12,200	4,750	--	--	--
6/12/2002 21.19	--	158.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/13/2002	--	--	13,000	a	--	--	--	62,400	23,100	570	2,230	8,240	8,330	--	--	--
9/11/2002 22.20	--	157.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/12/2002	--	--	9,350	a	--	--	--	37,600	14,800	213	2,170	4,110	5,920	--	--	--
12/11/2002 20.75	--	159.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/2002	--	--	12,000	a	--	--	--	61,500	23,100	234	1,760	4,363	7,330	--	--	--
3/17/2003 14.29	--	165.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/19/2003	--	--	16,500	--	--	--	--	67,000	15,100	2,820	3,190	10,550	2,990	--	--	--
6/16/2003 16.41	--	163.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/17/2003	--	--	13,000	a	--	--	--	81,100	19,300	1,090	3,330	10,400	6,770	--	--	--
9/15/2003 19.20	--	160.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2003	--	--	4,000	d	--	--	--	58,000 c	18,000	200	2,500	4,000	5,790	--	--	--
12/15/2003 16.75	--	163.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/2003	--	--	8,200	d	--	--	--	62,000 c	14,000	350	3,300	8,400	3,400	--	--	--
3/16/2004 15.02	--	165.04	15,000	d,e	--	--	--	63,000 c	13,000	3,500	2,700	11,000	3,400	--	--	--
6/14/2004 20.15	--	159.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/15/2004	--	--	12,000	d,e	--	--	--	44,000 c	24,000	2,400	2,200	9,600	<500	--	--	--
9/14/2004 23.20	--	156.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/2004	--	--	3,700	d	--	--	--	47,000 c	14,000	160	1,600	1,400	4,000	--	--	--
12/14/2004 20.80	--	159.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/2004	--	--	5,500	d	--	--	--	54,000 a	12,000	260	3,400	5,300	<2,000	--	--	--
MW-14 I73.85	3/24/2000 13.50	--	166.35	8,600	ND	--	43,000	740	69	1,300	4,600	900	ND	ND	ND	ND
7/12/2000 18.36	--	161.49	1,800	ND	--	--	--	41,000	510	69	1,700	4,600	ND	ND	ND	ND
10/11/2000 20.22	--	159.63	2,300	ND	--	--	--	11,000	340	ND	550	650	ND	ND	ND	ND
3/15/2001 14.94	--	164.91	2,100	ND	--	--	--	18,000	490	9,7	860	1,500	50	ND	ND	15
4/27/2001 16.76	--	163.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/27/2001 19.45	--	160.40	1,500	a	<500	1,400 a	13,000	320	4	560	320	75	<1	<1	<1	<50
9/21/2001 20.10	--	159.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/25/2001	--	--	2,000	a	<500	3,800 a	5,900	250	4	550	1,52	59	<1	<1	<1	<50
3/13/2002 19.05	--	160.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2002	--	--	<50	--	--	--	--	3,048	225	12	304	133	59	--	--	--
6/12/2002 20.27	--	159.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/13/2002 21.18	--	--	3,240	a	--	--	--	5,430	336	<10	648	161	27	--	--	--
9/11/2002 21.18	--	--	1,160	a	--	--	--	3,810	206	2	337	30	15	--	--	--
9/13/2002	--	--	159.04	--	--	--	--	--	--	--	--	--	--	--	--	--
12/11/2002 20.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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**Table 1.** Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. TOC	Date	DTW ft. bgs.	SPH ft.	GW	TPhd	TPhm	TPhg	Benzene	Toluene	Ethy- benzene	Xylenes	MTEB	DPE	ETBE	TAME	TBA
<i>MW-14</i>	12/12/2002	--	--	2,390 a	--	--	5,340	219	<5	250	50	19	--	--	--	--
<i>cont'd</i>	3/19/2003	14.15	--	165.70	--	--	--	--	--	--	--	--	--	--	--	--
6/16/2003	--	--	7,510	--	--	7,120	410	13	1,210	504	48	--	--	--	--	
6/18/2003	16.30	--	163.55	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	19.08	--	--	6,480 a	--	--	11,600	642	69	1,690	1,730	8	--	--	--	
9/17/2003	--	--	160.77	--	--	--	--	--	--	--	--	--	--	--	--	
12/5/2003	--	--	2,600 d	--	--	10,000 c	11,000	50	1,600	240	<100	--	--	--	--	
12/16/2003	16.68	--	163.17	--	--	--	--	--	--	--	--	--	--	--	--	
12/16/2004	--	--	3,500 d	--	--	15,000 c	1,100	78	2,200	820	<220	--	--	--	--	
3/16/2004	13.91	--	165.94	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2004	--	--	2,080 d	--	--	1,700 c	69	51	11	49	<17	--	--	--	--	
6/14/2004	19.16	--	160.69	--	--	--	--	--	--	--	--	--	--	--	--	
6/15/2004	--	--	890 d	--	--	1,900 c	51	7.8	32	12	<10	--	--	--	--	
9/14/2004	22.51	--	157.34	--	--	--	--	--	--	--	--	--	--	--	--	
9/16/2004	--	--	1,100 d,e	--	--	1,800 c	70	6.4	15	5.5	<17	--	--	--	--	
12/14/2004	18.28	--	161.57	--	--	--	--	--	--	--	--	--	--	--	--	
12/16/2004	--	--	2,400 d	--	--	3,600 a	190	13	130	48	<50	--	--	--	--	
<i>MW-15D</i>	10/02/2000	23.17	--	156.27	--	--	--	--	--	--	--	--	6.8	ND	ND	ND
<i>173.44</i>	3/16/2001	19.06	--	160.38	--	--	--	--	--	--	--	--	13	ND	ND	ND
<i>(annual)</i>	4/27/2001	20.62	--	158.82	--	--	--	--	--	--	--	--	<1	<1	<1	<1
6/26/2001	22.80	--	156.64	--	--	<1	16	18	12	16	<1	<1	<1	<1	<1	
9/21/2001	23.57	--	155.87	--	--	--	--	--	--	--	--	--	--	--	--	
9/24/2001	--	--	<50	<500	--	64	<1	<1	<1	<2	<1	<1	<1	<1	<1	
3/13/2002	22.47	--	156.97	--	--	--	--	--	--	--	--	--	6.8	ND	ND	ND
3/14/2002	--	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	<1	<1	<1	
6/12/2002	21.95	--	157.49	--	--	--	--	--	--	--	--	--	<1	<1	<1	<1
9/11/2002	22.63	--	156.81	--	--	--	--	--	--	--	--	--	--	--	--	
12/11/2002	21.07	--	158.37	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2003	15.89	--	163.55	--	--	--	--	--	--	--	--	--	--	--	--	
6/16/2003	18.21	--	161.23	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/15/2003	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/16/2004	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
<i>179.02</i>	6/14/2004	21.86	--	157.16	--	--	--	--	--	--	--	--	--	--	--	--
9/14/2004	24.90	--	154.12	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/2004	20.75	--	158.27	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>MW-16D</i>	10/11/2000	24.10	--	154.18	--	--	--	0.47	ND	--	78	76	ND	ND	ND	59
<i>178.28</i>	3/14/2001	19.94	--	158.34	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
4/27/2001	21.50	--	156.78	--	--	--	--	--	--	--	--	--	<1	<1	<1	<1
9/21/2001	23.95	--	154.33	--	--	--	--	--	--	--	--	--	<1	<1	<1	<1
9/24/2001	--	--	<50	<500	--	120	<1	<1	<1	<2	45	<1	<1	<1	<1	<1
3/13/2002	23.12	--	155.16	--	--	<50	<1	<1	<1	<3	1	<1	<1	<1	<1	<1
6/12/2002	22.75	--	155.53	--	--	--	112	2	<1	<3	13	<1	<1	<1	<1	<1
9/11/2002	24.81	--	153.47	--	--	--	152	<1	<2	<3	188	<1	<1	<1	<1	<1
12/11/2002	23.97	--	154.31	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1
12/12/2002	--	--	--	--	--	--	--	--	--	--	--	<1	<1	<1	<1	<1
3/17/2003	18.16	--	160.12	--	--	--	--	--	--	--	--	--	--	--	--	--

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**Table 1.** Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No. TOC	Date	DTW ft.	SPH ft.	GW ft.	TPHD ft.	TPHm ft.	TPHg ft.	Benzene ppm	Ethyl- benzene ppm	MpBE ppm	DPE ppm	ETBE ppm	TAME ppm	TEA ppm
<b>MW-16D</b>														
cont'd	6/16/2003	20.30	--	157.98	--	--	--	213	<1	<1	<3	2	--	--
	6/17/2003	--	--	--	--	--	--	205	3.5	<0.5	<0.5	<0.5	<1	--
	9/15/2003	23.18	--	155.10	--	--	--	--	--	--	--	--	--	--
	9/16/2003	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	12/15/2003	26.05	--	158.23	--	--	--	--	--	--	--	--	--	--
	12/16/2003	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/16/2004	20.90	--	157.38	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/14/2004	21.88	--	156.40	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	9/14/2004	24.75	--	153.53	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	12/14/2004	20.86	--	157.42	--	--	--	--	--	--	--	--	--	--
	12/15/2004	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
<b>MW-17D</b>														
175.63	10/1/2000	23.00	--	156.63	--	--	--	--	--	--	--	100	ND	24
(semi annual)	3/16/2001	18.80	--	160.83	--	--	--	--	--	--	--	130	ND	32
	4/27/2001	20.39	--	159.24	--	--	--	--	--	--	--	--	--	--
	6/26/2001	22.55	--	157.08	--	--	--	--	4	2	<1	190	<1	<1
	9/21/2001	22.97	--	156.66	--	--	--	--	--	--	--	--	--	<50
	9/24/2001	--	--	<50	<500	<50	140	<1	<1	<1	<2	60	<1	<1
	3/13/2002	22.29	--	157.34	--	--	--	<50	--	--	--	--	--	--
	3/14/2002	--	--	--	--	--	--	<50	4	<1	2	<3	4	--
	6/12/2002	23.02	--	156.61	--	--	--	--	--	--	--	--	--	--
	9/11/2002	24.98	--	154.65	--	--	--	--	--	--	--	--	--	--
	9/12/2002	--	--	--	--	--	--	143	<1	<1	<1	<1	<1	<1
	12/11/2002	22.91	--	156.72	--	--	--	--	--	--	--	--	--	--
	3/17/2003	18.02	--	161.61	--	--	--	--	--	--	--	--	--	--
	3/19/2003	--	--	--	--	--	--	99	<1	<1	<1	<1	<1	<1
	6/16/2003	20.12	--	159.51	--	--	--	--	--	--	--	--	--	--
	9/15/2003	22.95	--	156.68	--	--	--	--	--	--	--	--	--	--
	9/16/2003	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	12/15/2003	19.89	--	159.74	--	--	--	--	--	--	--	--	--	--
	3/16/2004	20.90	--	158.73	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/14/2004	21.98	--	157.65	--	--	--	--	--	--	--	--	--	--
	9/14/2004	25.03	--	154.60	--	--	--	--	--	--	--	--	--	--
	9/15/2004	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	12/14/2004	20.92	--	158.71	--	--	--	--	--	--	--	--	--	--
<b>MW-18</b>														
180.79	10/1/2000	21.94	--	158.85	4,800	ND	--	14,600	9,600	6,700	3,600	16,000	ND	ND
	3/15/2001	17.28	--	163.51	11,000	420	--	120,000	9,200	8,100	4,100	18,000	120	ND
	4/27/2001	19.17	--	161.62	--	--	--	--	--	--	--	--	--	ND
	6/26/2001	21.40	--	159.39	19,000b	190b	34,000b	97,000	12,000	<1	5,400	25,600	140	<1
	9/21/2001	21.95	--	158.84	--	--	--	--	--	--	--	--	--	--
	9/25/2001	--	--	43,000a	<500	\$8,000 a	\$3,000	8,400	8,600	3,900	18,100	200	<5	<5
	3/13/2002	21.15	--	159.64	--	--	--	--	--	--	--	--	--	<250
	3/14/2002	--	--	7,180 a	--	--	--	28,500	5,460	3,980	2,680	11,440	52	--
	6/12/2002	20.72	--	160.07	--	--	--	--	--	--	--	--	--	--
	6/13/2002	--	--	19,100a	--	--	--	57,000	8,080	6,930	3,190	13,580	92	--
	9/11/2002	21.90	--	158.89	--	--	--	--	--	--	--	--	--	--
	9/12/2002	--	--	39,800 a	--	--	--	31,400	5,930	5,910	3,130	14,000	<100	--
	12/11/2002	21.70	--	159.09	--	--	--	--	--	--	--	--	--	--

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No.	Date	DTW TOC Sampled	SPH ft. bgs	GW ft.	Thickness Elev. ft.	↔	TPhH TPHm TPHn	TPhH TPHm TPHn	TPhH TPHm TPHn	Benzene 11,000 c	Toluene 1,200	Ethyl- benzene 39	Xylenes 1,700	MIBK 260	DIFP <250	ETBE 240	TAME 240	TBA 240
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
<b>MW-18</b>	12/12/2002	--	--	--	23,000 a	--	--	110,000	8,230	7,090	3,580	17,190	2,760	--	--	--	--	
<i>cont'd</i>	3/19/2003	15.28	--	165.51	--	--	--	8,960	442	127	453	1,621	<1	--	--	--	--	
6/16/2003	17.60	--	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/18/2003	--	--	--	163.19	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	20.39	--	--	--	1,260 a	--	--	22,200	1,510	509	1,270	4,210	24	--	--	--	--	
9/17/2003	--	--	--	160.40	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/15/2003	17.93	--	--	--	3,200 d	--	--	--	--	--	--	--	--	--	--	--	--	
12/16/2003	--	--	--	162.86	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/16/2004	16.80	--	--	--	6,200 d	--	--	59,000 c	5,200	5,000	2,900	12,000	<1,100	--	--	--	--	
6/14/2004	22.05	--	--	158.74	--	--	--	76,000 c	5,000	4,600	2,900	12,000	<1,200	--	--	--	--	
6/15/2004	--	--	--	--	8,300 d	--	--	--	--	--	--	--	--	--	--	--	--	
9/14/2004	24.18	--	--	156.61	--	--	--	42,000 c	2,000	1,900	2,000	9,400	<500	--	--	--	--	
9/16/2004	--	--	--	--	35,000 d <sub>4</sub>	--	--	--	--	--	--	--	--	--	--	--	--	
12/14/2004	22.20	--	--	158.59	--	--	--	74,000 c,g	4,500	4,100	3,000	12,000	<1,100	--	--	--	--	
12/16/2004	--	--	--	--	4,300 d	--	--	42,000 a	2,400	1,200	2,100	8,000	<500	--	--	--	--	
<b>MW-19</b>	10/11/2000	21.44	--	159.38	2,300	ND	--	17,000	24	16	960	640	ND	ND	ND	ND	ND	
<i>Isop.</i>	3/15/2001	16.20	--	164.62	2,600	ND	--	11,000	1,000	820	400	1,890	ND	ND	ND	ND	ND	
<i>(semi annual)</i>	4/27/2001	17.88	--	162.94	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2001	21.00	--	--	159.82	4,000 b	<500	3,500 b	9,600	5	<1	440	302	<1	<1	<1	<1	<10	
9/21/2001	21.80	--	--	159.02	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/25/2001	--	--	--	--	3,000 a	<500	2,700 a	5,900	4	<1	280	71	<1	<1	<1	<1	<50	
3/13/2002	20.80	--	--	160.02	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/14/2002	--	--	--	--	1,930 a	--	--	3,570	<1	1	447	126	<1	--	--	--	--	
6/12/2002	20.89	--	--	159.93	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/17/2002	22.03	--	--	158.79	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/12/2002	--	--	--	--	3,920 a	--	--	5,070	11	13	184	107	<1	--	--	--	--	
12/11/2002	20.87	--	--	159.95	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2003	14.77	--	--	166.05	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/19/2003	--	--	--	--	6,350	--	--	147	<1	<1	<3	<3	<1	--	--	--	--	
6/16/2003	17.25	--	--	163.57	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	20.03	--	--	160.79	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/17/2003	--	--	--	--	<50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	
12/15/2003	17.71	--	--	163.11	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/16/2004	15.80	--	--	165.02	1,900 d	--	--	4,400 c	23	8.7	110	69	<25	--	--	--	--	
6/14/2004	21.02	--	--	159.80	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/14/2004	24.25	--	--	156.57	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/16/2004	--	--	--	--	2,400 d	--	--	6,000 c	11	13	1.1	4.3	<25	--	--	--	--	
12/14/2004	21.87	--	--	158.95	--	--	--	--	--	--	--	--	--	--	--	--	--	
<b>MW-20</b>	10/11/2000	20.33	--	161.21	ND	--	--	150	27	2.0	6.6	11	ND	ND	ND	ND	ND	
<i>18.54</i>	3/15/2001	14.76	--	166.78	ND	120	--	64	22	2.1	7.1	ND	ND	ND	ND	ND	ND	
<i>(semi annual)</i>	4/27/2001	16.01	--	165.53	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/26/2001	20.60	--	--	160.94	<50	<50	--	590	<1	<1	36	<1	<1	<1	<1	<1	<50	
9/21/2001	21.18	--	--	160.36	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/24/2001	--	--	--	<50	<50	<50	--	69	<1	<1	1	4	<1	<1	<1	<1	<50	
3/13/2002	20.25	--	--	161.29	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/14/2002	--	--	--	--	--	--	--	--	<50	<1	<1	<3	<1	<1	<1	<1	--	
6/12/2002	20.38	--	--	161.16	--	--	--	--	--	--	--	--	--	--	--	--	--	

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No.	Date	DTW	SPH	GW	TPHD	TPHn	TPHc	Benzene	Ethyl-	Xylenes	MTBE	DPE	ETBE	TAME	IBA
TOC	Sampled	Thickness	Elev.	ft. bas.	ft.	ft.	ft.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MW-20 cont'd	9/11/2002 23.39	--	158.15	--	--	--	--	<1	<1	<1	<1	3	187	--	--
12/11/2002 22.61	--	--	156.93	--	--	--	--	417	--	--	--	--	--	--	--
3/17/2003 16.19	--	--	165.35	--	--	--	--	--	--	--	--	--	--	--	--
3/18/2003 18.34	--	--	163.20	--	--	--	--	76	<1	<1	<1	--	--	--	--
6/16/2003 21.02	--	--	160.52	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2003	--	--	162.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	<1	<1	--
12/15/2003 18.58	--	--	167.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	<1	<1	--
3/16/2004 14.40	--	--	161.77	--	--	--	--	--	--	--	--	<5.0	<5.0	<5.0	--
6/14/2004 19.77	--	--	157.95	--	--	--	--	--	--	--	--	--	--	--	--
9/14/2004 23.59	--	--	163.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	<1	<1	--
9/15/2004	--	--	163.45	--	--	--	--	--	--	--	--	--	--	--	--
12/14/2004 18.09	--	--	163.45	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-21D</b> <i>180.64</i>	4/27/2001 21.22	--	159.42	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1
6/26/2001 23.60	--	--	157.04	--	--	--	--	<500	130	21	<1	<1	<1	<1	<1
9/21/2001 23.98	--	--	156.66	--	--	--	--	--	51	7	9	8	39	5	--
9/24/2001	--	--	<50	--	--	--	--	--	50	6	7	3	15	<1	--
3/13/2002 23.02	--	--	157.62	--	--	--	--	--	445	<1	<1	<1	<3	205	--
6/12/2002 22.09	--	--	158.55	--	--	--	--	--	--	212	2	0.6	<1	<1	--
9/11/2002 24.74	--	--	155.90	--	--	--	--	--	--	91	1	1	1	5	<1
12/11/2002 23.85	--	--	156.79	--	--	--	--	--	--	--	--	--	--	--	--
12/13/2002	--	--	161.67	--	--	--	--	--	--	--	--	--	--	--	--
3/17/2003 18.97	--	--	159.23	--	--	--	--	--	--	--	--	--	--	--	--
3/18/2003	--	--	156.99	--	--	--	--	--	--	--	--	--	--	--	--
6/16/2003 21.41	--	--	154.12	--	--	--	--	--	--	--	--	--	--	--	--
6/18/2003	--	--	154.12	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2003 Inaccessible	--	--	158.27	--	--	--	--	--	--	--	--	--	--	--	--
12/15/2003 Inaccessible	--	--	156.38	--	--	--	--	--	--	--	--	--	--	--	--
3/16/2004 Inaccessible	--	--	157.84	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	<1	<1	<1
6/15/2004 25.60	--	--	157.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	<1	<1	<1
9/15/2004	--	--	158.38	--	--	--	--	--	--	--	--	--	--	--	--
12/14/2004 21.45	--	--	156.94	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	<1	<1	<1
12/15/2004	--	--	158.27	--	--	--	--	--	--	--	--	--	--	--	--
<b>MW-22</b> <i>179.72</i>	4/27/2001 18.64	--	160.34	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2001 20.60	--	--	158.38	<50	<1	<1	<1	--	--	--	--	--	--	--	--
9/24/2001 21.14	--	--	157.84	--	--	--	--	--	--	--	--	--	--	--	--
9/21/2001 21.14	--	--	157.84	--	--	--	--	--	--	--	--	--	--	--	--
3/13/2002 20.20	--	--	158.78	--	--	--	--	--	--	--	--	--	--	--	--
3/15/2002	--	--	159.28	--	--	--	--	--	--	--	--	--	--	--	--
6/12/2002 19.70	--	--	159.28	--	--	--	--	--	--	--	--	--	--	--	--
9/11/2002 21.08	--	--	157.90	--	--	--	--	--	--	--	--	--	--	--	--
12/11/2002 22.74	--	--	156.24	--	--	--	--	--	--	--	--	--	--	--	--
3/17/2003 15.99	--	--	162.99	--	--	--	--	--	--	--	--	--	--	--	--
3/19/2003	--	--	160.87	--	--	--	--	--	--	--	--	--	--	--	--
6/16/2003 18.11	--	--	160.87	--	--	--	--	--	--	--	--	--	--	--	--

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No.	Date	DTW	SPH	GW	TPHd	TPHm	TPHn	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DPE	ETBE	NAME	TBA	
TOC	Sampled		Thickness	Elev.	ft.	ft.	ft.									µg/L	
MW-22 cont'd	9/15/2003	20.74	--	158.24	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
12/15/2003	18.48	--	160.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
3/16/2004	15.70	--	163.28	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
6/14/2004	20.92	--	158.06	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/14/2004	24.48	--	154.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
9/15/2004	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
12/14/2004	21.55	--	157.43	--	--	--	--	--	--	--	--	--	--	--	--	--	
<b>MW-23</b>	4/27/2001	17.00	--	164.46	19,000	--	--	19,000	ND	ND	ND	ND	ND	ND	ND	ND	
<i>18.46</i> <i>(monitor on)</i>	6/26/2001	21.00	--	160,46	100,000 <sup>b</sup>	3,000 <sup>b</sup>	250,000 <sup>b</sup>	10,000 <sup>b</sup>	<1	<1	110	<1	<1	<1	<1	<1	<1
9/24/2001	--	--	159.42	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/13/2002	20.87	--	160.59	--	--	--	--	--	460	80	87	69	270	<5	<5	<5	
6/12/2002	20.37	--	161.09	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2002	22.89	--	158.57	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/11/2002	21.79	--	159.67	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2003	16.08	--	165.38	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/16/2003	18.51	--	162.95	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	21.29	--	160.17	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/15/2003	18.87	--	162.59	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/16/2004	15.75	--	165.71	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/14/2004	20.18	--	161.28	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/14/2004	25.78	--	155.68	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/14/2004	21.93	--	159.53	--	--	--	--	--	--	--	--	--	--	--	--	--	
<b>MW-24</b>	4/27/2001	19.15	--	160.54	2,100	--	--	29,030	72	ND	690	1,100	60	ND	ND	ND	
<i>179.69</i> <i>(monitor on)</i>	6/26/2001	21.00	--	158.69	19,000 <sup>b</sup>	<500	19,000 <sup>b</sup>	16,000	120	9	2,600	2,415	57	<1	<1	<1	
9/24/2001	--	--	157.72	--	--	--	--	--	--	--	--	--	--	--	--	<50	
3/13/2002	--	--	13,000 <sup>a</sup>	<500	12,000 <sup>a</sup>	19,000	--	75	5	1,600	10	33	<1	<1	<1	<1	
6/12/2002	20.05	--	158.81	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2002	20.95	--	159.64	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/11/2002	22.67	--	158.74	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/17/2003	16.11	--	157.02	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/16/2003	18.64	--	161.05	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/15/2003	21.33	--	158.36	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/15/2003	18.99	--	160.70	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/16/2004	16.47	--	163.22	--	--	--	--	--	--	--	--	--	--	--	--	--	
6/14/2004	21.70	--	157.99	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/14/2004	25.82	--	153.87	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/14/2004	22.17	--	157.52	--	--	--	--	--	--	--	--	--	--	--	--	--	
<b>MW-25D</b>	4/27/2001	21.99	--	159.14	--	--	--	--	--	--	<1	<1	<1	<1	<1	<1	
<i>18.13</i> <i>(annual)</i>	6/27/2001	24.20	--	156.93	--	--	--	--	36	6	<1	<1	<1	<1	<1	<1	
9/24/2001	--	--	156.16	--	--	--	--	--	<1	<1	<1	<1	<1	<1	<1	<1	
3/13/2002	23.92	--	157.21	--	--	--	--	--	--	--	--	--	--	--	--	<50	
3/14/2002	--	--	--	--	--	--	--	--	992	5	3	6	<1	<1	<1	<1	
6/12/2002	23.15	--	157.98	--	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2002	25.70	--	155.43	--	--	--	--	--	--	--	--	--	--	--	--	--	

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Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No.	Date	DTW	SPH	GW	TPHd	TPHm	TPHn	Benzene	Toluene	Ethylbenzene	MTBE	DIPN	ETBE	TAME	TBA
TOC	Sampled		Thickness	Elev.	ft.	ft.	ft.								µg/L
MW-25D com'd	12/11/2002	24.89	--	156.24	--	--	--	--	--	--	--	--	--	--	--
	3/17/2003	19.04	--	162.09	--	--	--	--	--	--	--	--	--	--	--
	6/16/2003	21.97	--	159.16	--	--	--	62	<1	<1	<3	<1	--	--	--
	9/15/2003	24.75	--	156.38	--	--	--	--	--	--	--	--	--	--	--
	12/15/2003	21.71	--	159.42	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004	19.65	--	161.48	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
	6/14/2004	22.96	--	158.17	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004	25.85	--	155.28	--	--	--	--	--	--	--	--	--	--	--
	12/14/2004	21.78	--	159.35	--	--	--	--	--	--	--	--	--	--	--
MW-26D 180.74 (annual)	4/27/2001	21.03	--	159.71	--	--	--	<1	4	<1	2	<1	<1	<1	<50
	6/26/2001	23.20	--	157.54	--	--	--	<1	4	<1	2	<1	<1	<1	<50
	9/25/2001	24.01	--	156.73	--	<50	<50	64	<1	<1	<2	<1	<1	<1	<50
	3/13/2002	22.89	--	157.85	--	--	--	<50	<1	<1	<3	<1	<1	<1	--
	3/14/2002	--	--	157.67	--	--	--	<50	<1	<1	<3	<1	<1	<1	--
	6/12/2002	23.07	--	157.67	--	--	--	--	--	--	--	--	--	--	--
	9/17/2002	25.83	--	154.91	--	--	--	--	--	--	--	--	--	--	--
	12/11/2002	24.95	--	155.79	--	--	--	--	--	--	--	--	--	--	--
	3/17/2003	19.20	--	161.54	--	--	--	<50	<1	<1	<3	<1	<1	<1	--
	3/19/2003	--	--	158.69	--	--	--	<50	<1	<1	<3	<1	<1	<1	--
	6/16/2003	22.05	--	158.69	--	--	--	--	--	--	--	--	--	--	--
	9/15/2003	22.05	--	156.06	--	--	--	--	--	--	--	--	--	--	--
	12/14/2004	24.68	--	159.34	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	12/15/2003	21.40	--	161.92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	3/16/2004	18.82	--	158.58	--	--	--	--	--	--	--	--	--	--	--
	6/14/2004	22.16	--	155.54	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004	25.20	--	159.76	--	--	--	--	--	--	--	--	--	--	--
MW-27D 180.62	4/27/2001	20.81	--	159.81	--	--	--	<1	<1	<1	<1	<1	<1	<1	<50
	6/25/2001	23.21	--	157.41	--	--	--	<1	<1	<1	<1	<1	<1	<1	<50
	9/21/2001	23.99	--	156.63	--	--	--	<50	<50	86	5	2	14	<1	<1
	9/24/2001	--	--	157.77	--	--	--	<50	<1	<1	<3	<1	<1	<1	<50
	3/13/2002	22.85	--	157.77	--	--	--	--	--	--	--	--	--	--	--
	6/12/2002	22.49	--	158.13	--	--	--	--	83	<1	1	6	<1	<1	<50
	9/11/2002	25.36	--	155.24	--	--	--	--	74	<1	<1	<3	<1	<1	--
	12/11/2002	24.58	--	156.04	--	--	--	--	--	--	--	--	--	--	--
	12/13/2002	--	--	112	--	--	--	--	--	--	--	--	--	--	--
	3/17/2003	19.63	--	160.99	--	--	--	--	--	--	--	--	--	--	--
	3/18/2003	--	--	<50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50
	6/16/2003	22.14	--	158.48	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	6/18/2003	--	--	155.83	--	--	--	100	0.9	<0.5	<0.5	5.2	<1	<1	--
	9/15/2003	24.79	--	156.60	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/16/2003	--	--	153.54	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	12/15/2003	21.70	--	158.92	--	--	--	--	--	--	--	--	--	--	--
	12/16/2003	--	--	159.97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	3/16/2004	20.65	--	156.60	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	6/14/2004	24.02	--	153.54	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50
	9/14/2004	27.08	--	--	--	--	--	--	--	--	--	--	--	--	--

# CAMBRIA

Table 1. Groundwater Elevation Data and Analytical Results - Hydrocarbons/Oxygenates- 1333 Fourth Street, Santa Rosa, CA

Well No.	Date	DTW	SPH	GW	TPHd	TPHmo	TPHg	TPhg	Benzene	Toluene	Ethylnaphthalene	Xylenes	MTBE	DIME	ETBE	TAME	TBA
TOC	Sampled	Thickness	Elev.	ft. bgs	ft.	ft.	ft.	ft.	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
MW-37D com'd	12/14/2004 22.23	--	158.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
MW-38 178.68 (monitor on)	4/27/2001 19.22 6/26/2001 21.00 9/21/2001 21.97 9/24/2001 --	--	159.46 <50 --	ND <50 <50	--	--	ND <1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50
	3/13/2002 20.85	--	157.83	--	--	--	<50	67	<1	<1	<1	<1	<1	<1	<1	<1	<1
	6/12/2002 20.32	--	158.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/11/2002 22.17	--	156.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/11/2002 23.71	--	154.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/17/2003 18.85	--	159.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/2003 21.09	--	157.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2003 23.84	--	154.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/15/2003 21.09	--	157.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2004 18.55	--	160.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/2004 23.51	--	155.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004 26.92	--	151.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2004 24.19	--	154.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

Data prior to June 2001 from Pacific Northwest EnviroNet Group, Inc. report dated July 5, 2001.

TOC = Top of casing elevations, as surveyed on August 20, 1995 by Angel's Engineered Soils Testing and on July 6, 2004 by Virgil Chavez Land Surveying. Based on G49 Benchmark (elevation 181.75 feet, 1929 NGVD sea level datum).

DTW = Depth to water.

SPH = Separate Phase Hydrocarbons

GW = Groundwater

Elev. = Elevation.

TPId = Total petroleum hydrocarbons quantitated as diesel - analyzed by Modified EPA Method CATF (California LUFT Method for Total Fuel Hydrocarbons)

TPHmo = Total petroleum hydrocarbons quantitated as motor oil - analyzed by Modified EPA Method 8015

TPHg = Total petroleum hydrocarbons quantitated as kerosene - analyzed by Modified EPA Method 8015

TPHg = Total petroleum hydrocarbons quantitated as gasoline - analyzed by EPA Method 8020

BTX = Benzene, toluene, ethylbenzene, and xylenes - analyzed by EPA Method 8260B

MTBE = Methyl tertiary butyl ether - analyzed by EPA Method 8260B

DIME = Di-isopropyl ether - analyzed by GC/MS Method 8260B

ETBE = Ethyl-t-butyl ether - analyzed by GC/MS Method 8260B

TAME = t-Amyl methyl ether - analyzed by GC/MS Method 8260B

TBA = Tertiary butyl alcohol - analyzed by GC/MS Method 8260B

bgs = Below ground surface.

μg/L = micrograms per liter

ND = below detection limit

-- = not measured/analyzed/observed

NU = data not used due to equipment malfunction

Groundwater elevation for wells with SPH calculated by: (TOC) + (DTW) + (0.8 x SPH thickness)

\* = Data from ENSR International field sheets and/or reports related to the adjacent Unocal station owned by Tosco.

\* = Data from Gettier-Ryan Inc. or TRC field sheets and/or reports related to the former Cloudhurst/Phillips 66 station owned by Conoco Phillips.

As of December 15, 2003 Unocal station wells were analyzed for total purgeable petroleum hydrocarbons (TPPH) by method 8260 in place of TPPH by method 8020.

a = Does not match pattern for analyte.

b = Pattern match is gasoline.

c = Unmodified or weakly modified gasoline is significant

d = gasoline range compounds are significant

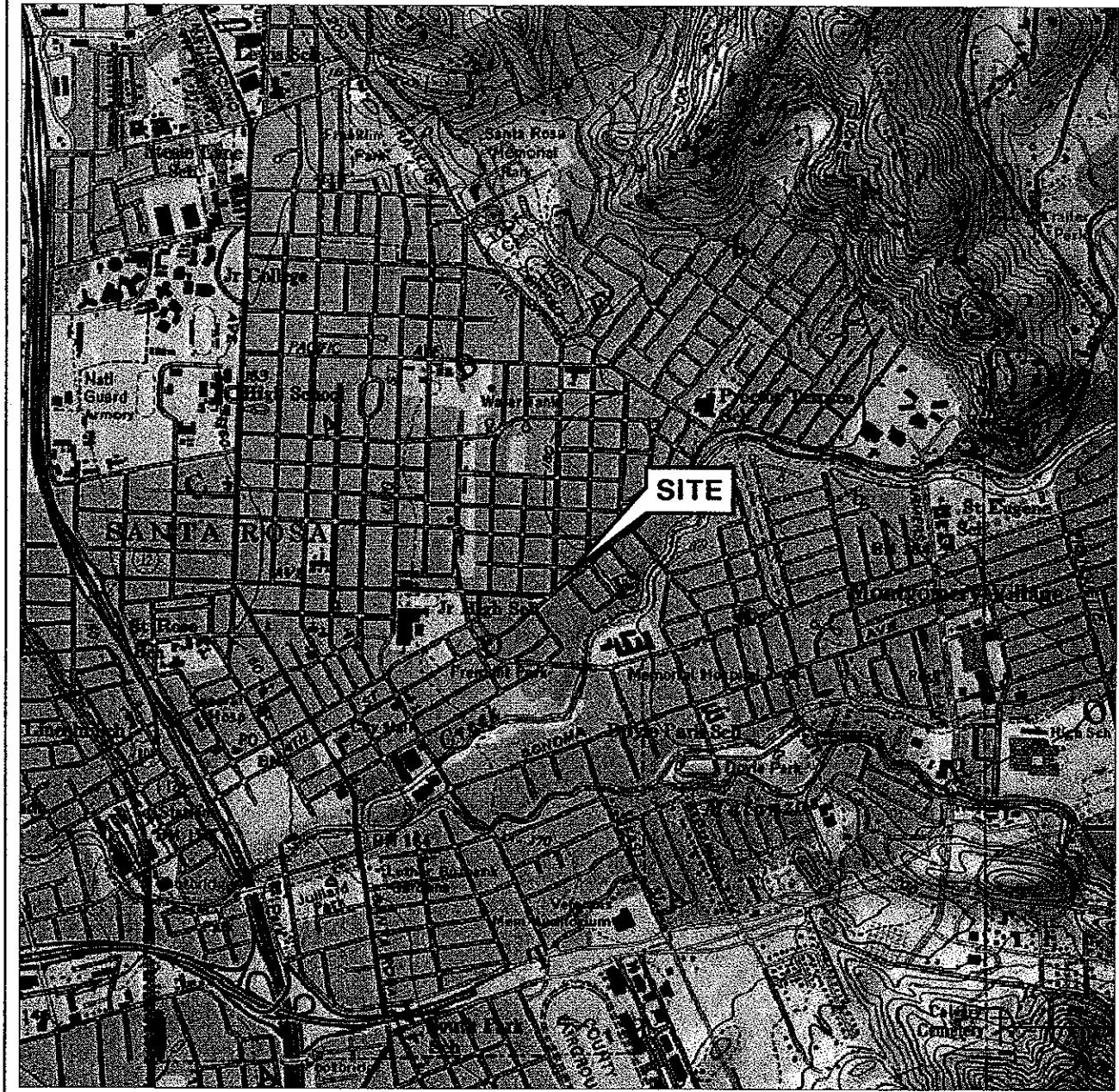
e = diesel range compounds are significant

f = one to a few isolated peaks present

g = lighter than water immiscible sheen/product is

TOSCO.

# FIGURES



0      1/4      1/2      3/4      1 MILE

SCALE 1:24,000



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Santa Rosa Quadrangle

QUADRANGLE  
LOCATION

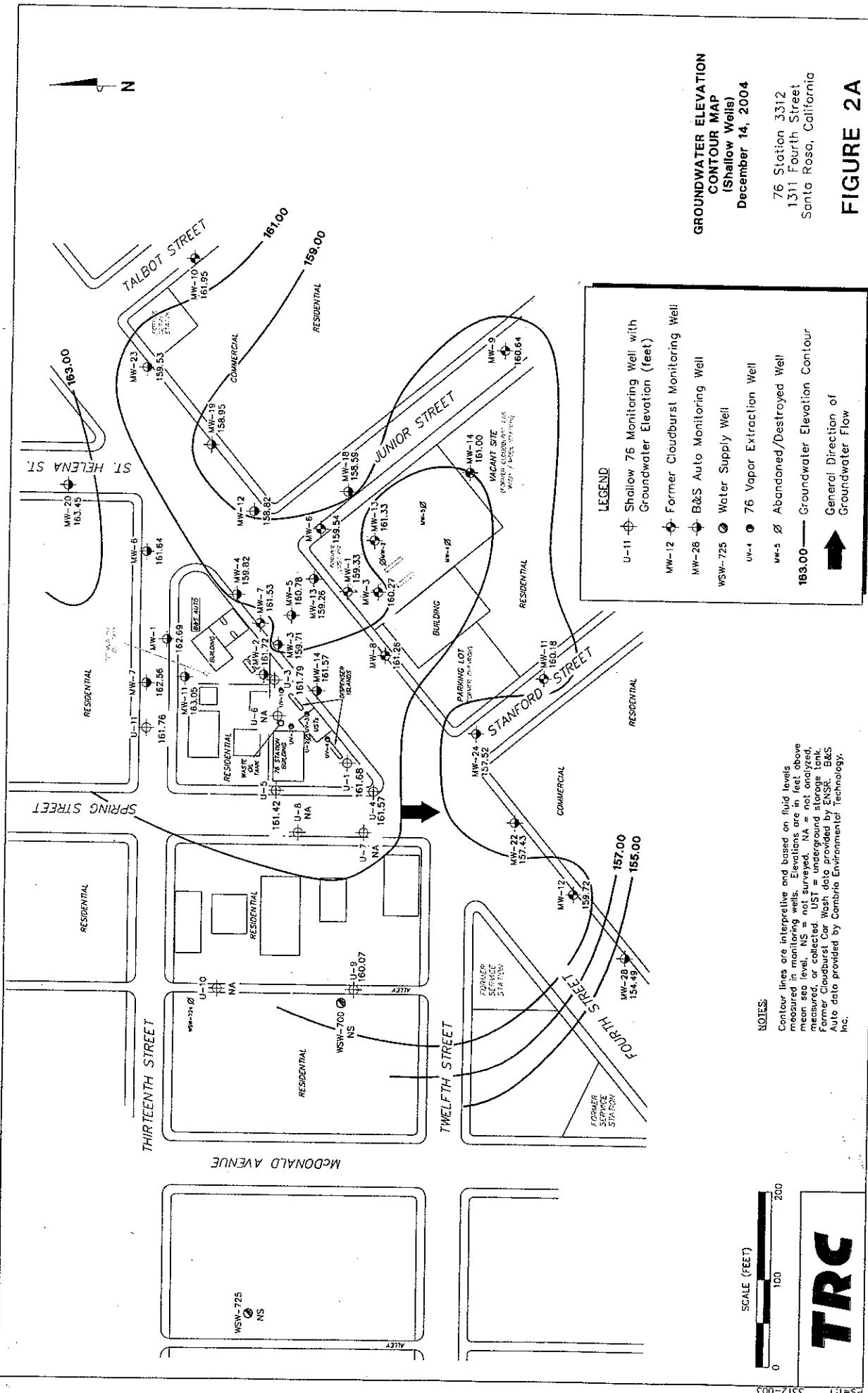
VICINITY MAP

76 Station 3312  
1311 Fourth Street  
Santa Rosa, California

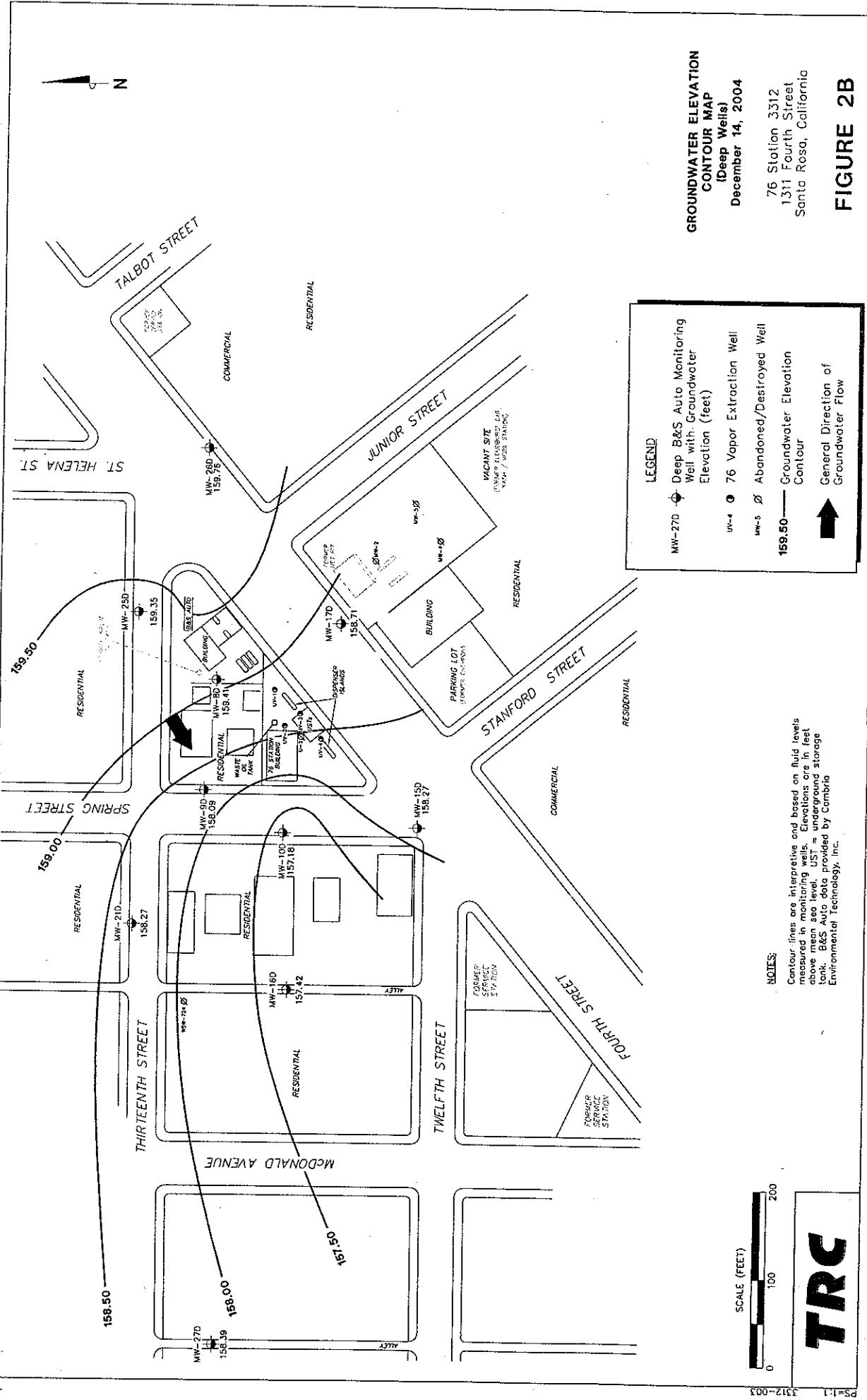
PS = 1:1

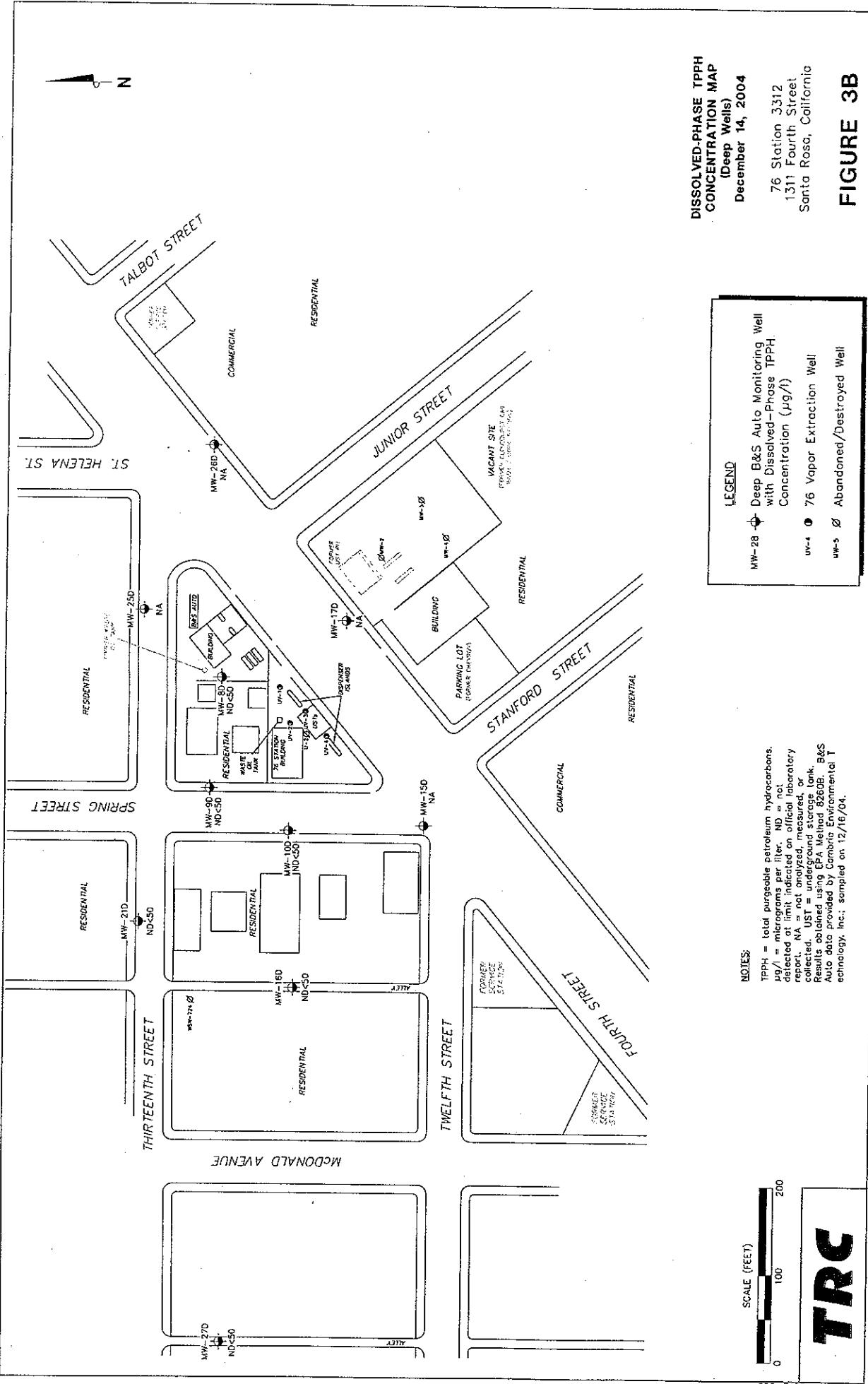
**TRC**

**FIGURE 1**

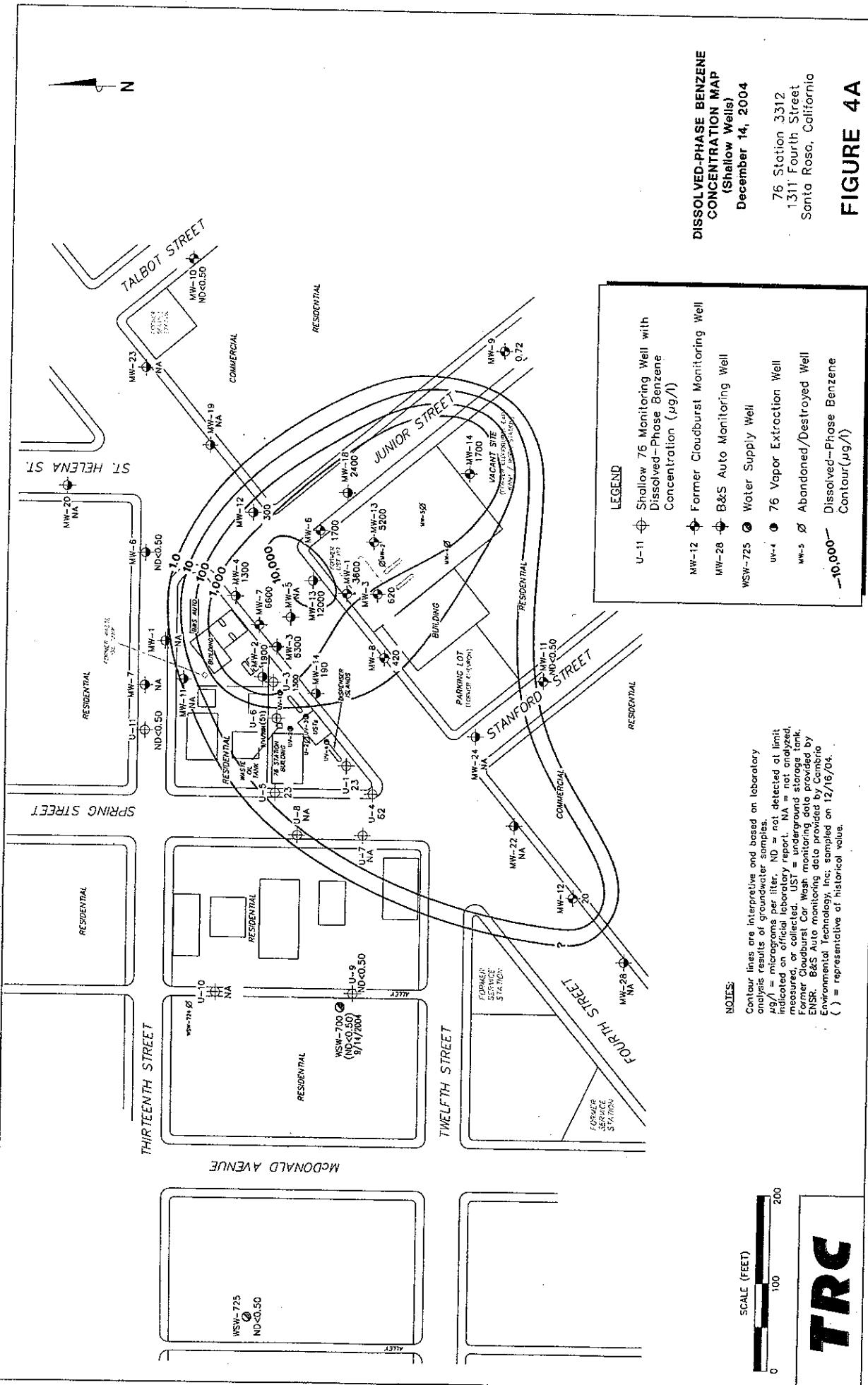


**FIGURE 2A**

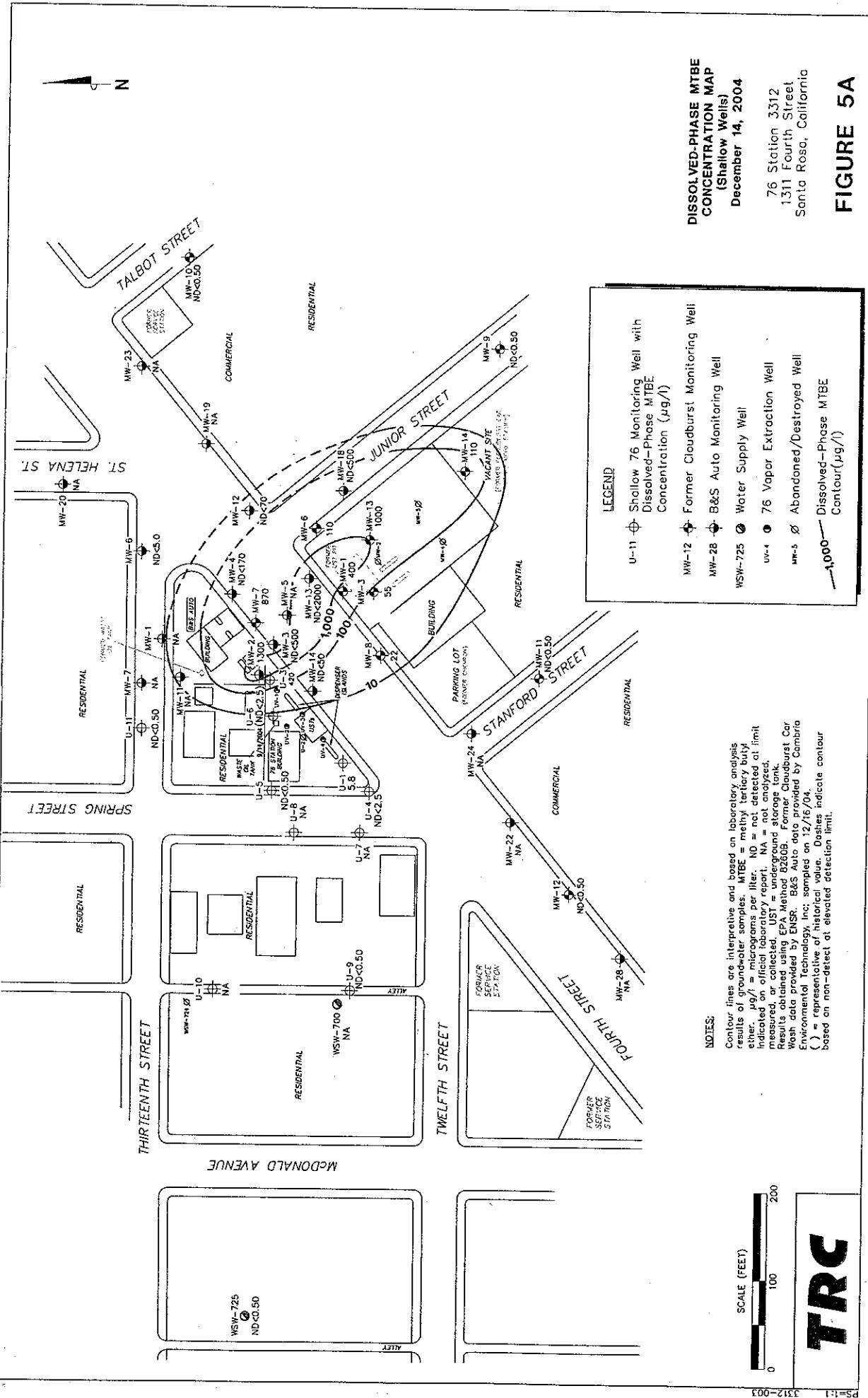




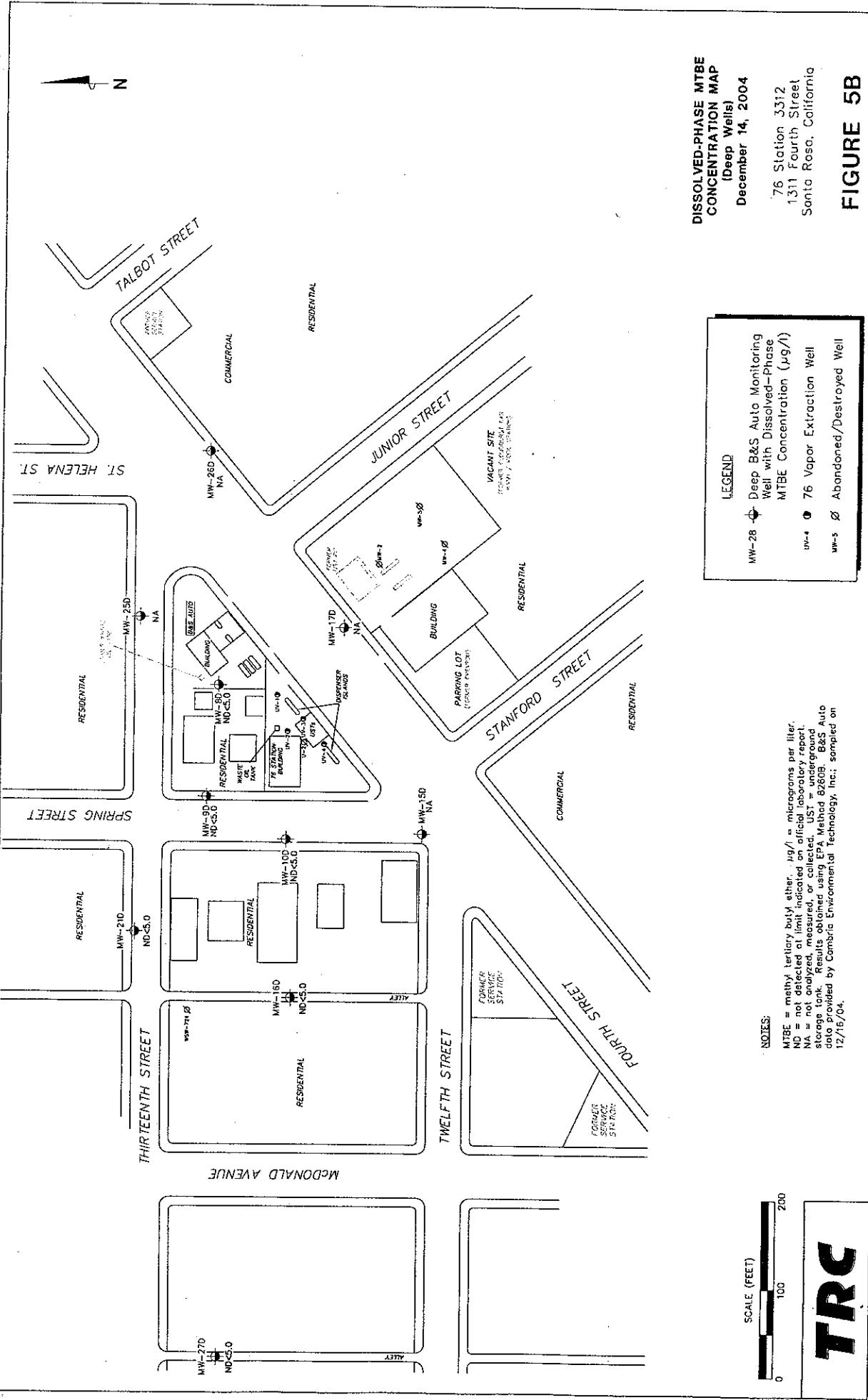
Graphics on 1/11/11 GRAPHICS\Projects\By...\120-\xxx\20-0400\3312pm.ms.dwg 01/13/04



**FIGURE 4A**



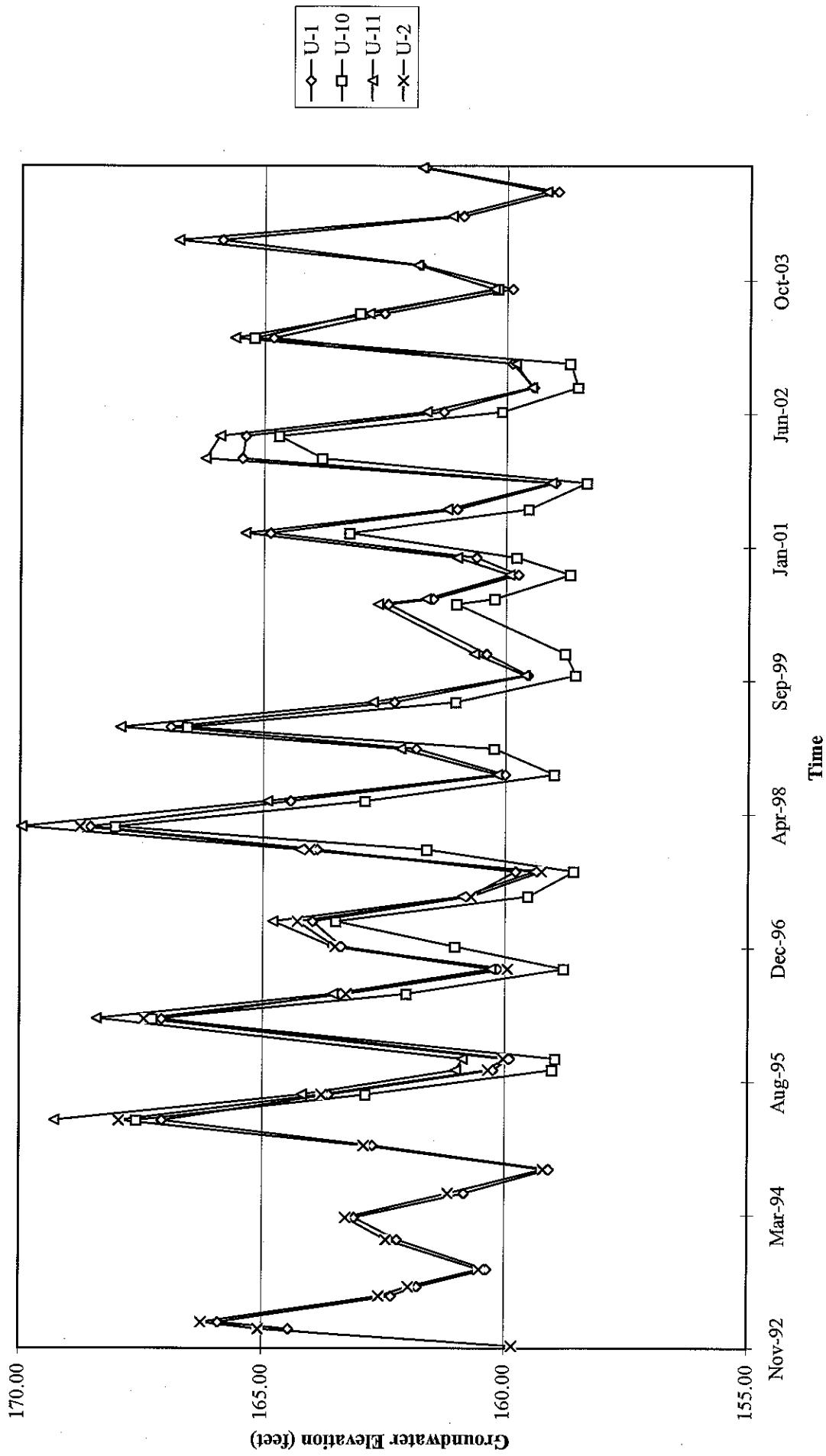
Graphics on \r\nt\(\n\)\GRAPHS\Projects By...\120-\\*\\*\\*\\*\\*\120-0400\3312mrs.dwg 01/13/04



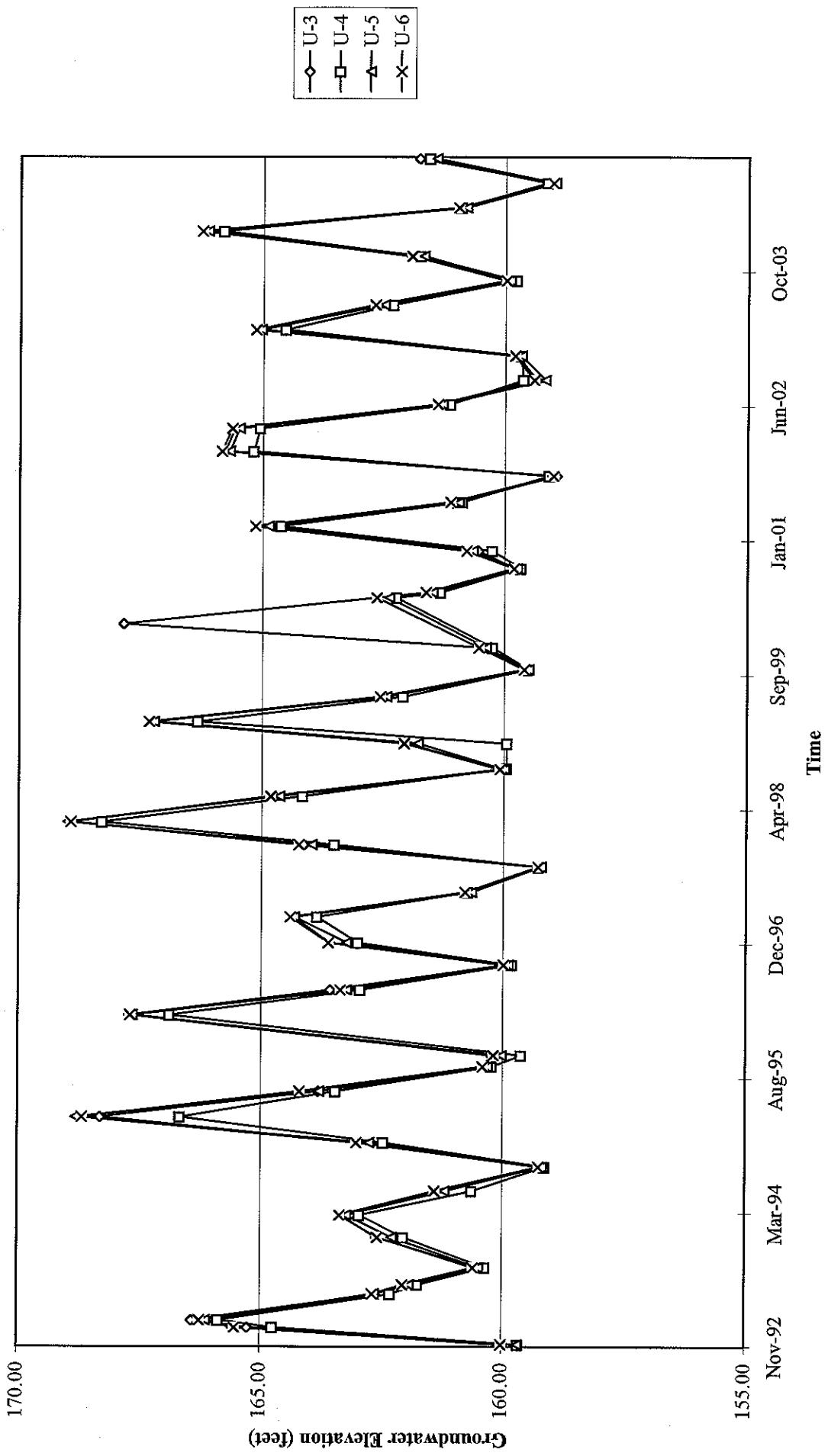
**FIGURE 5B**

# **GRAPHS**

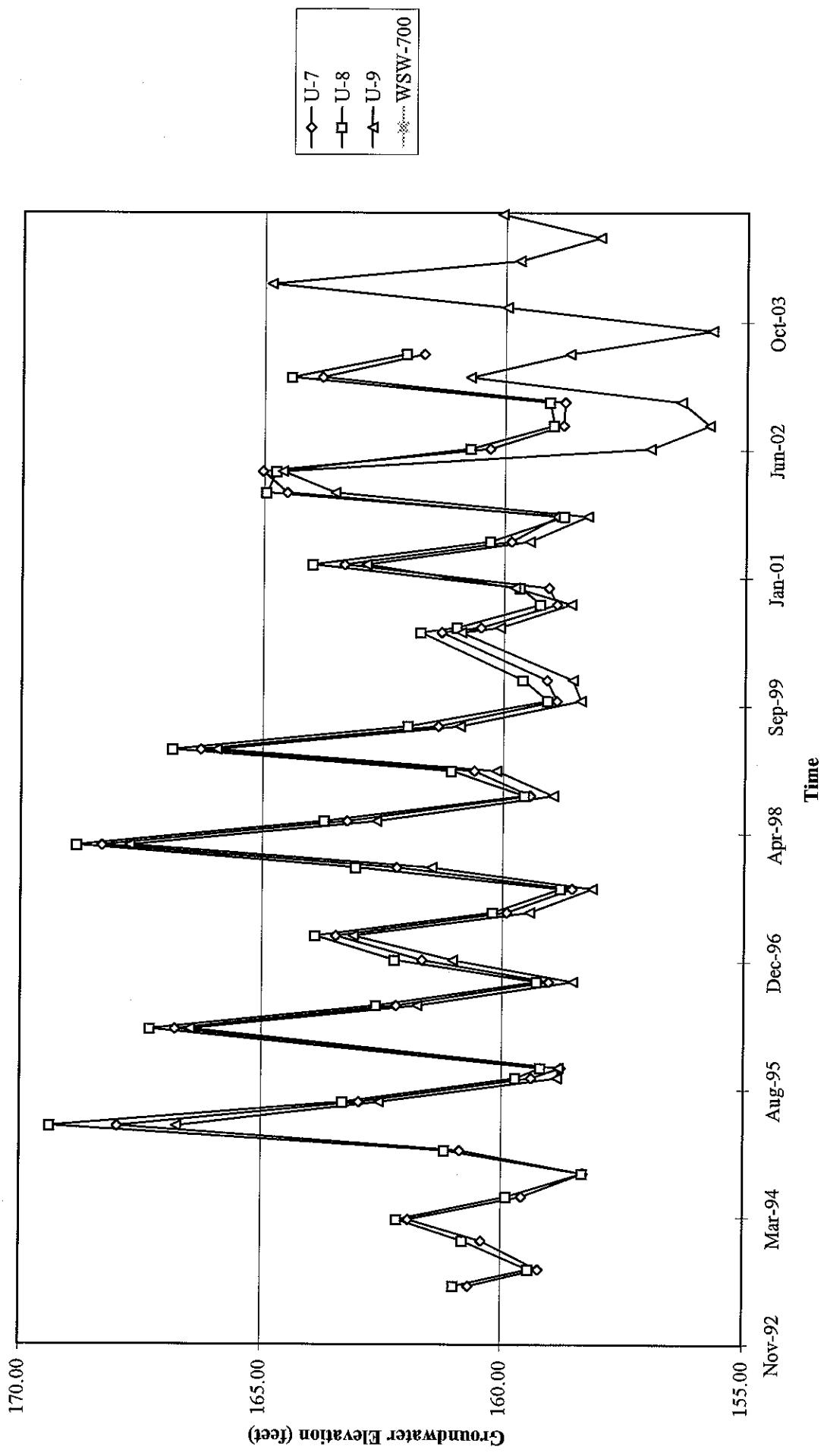
Groundwater Elevations vs. Time  
76 Station 3312



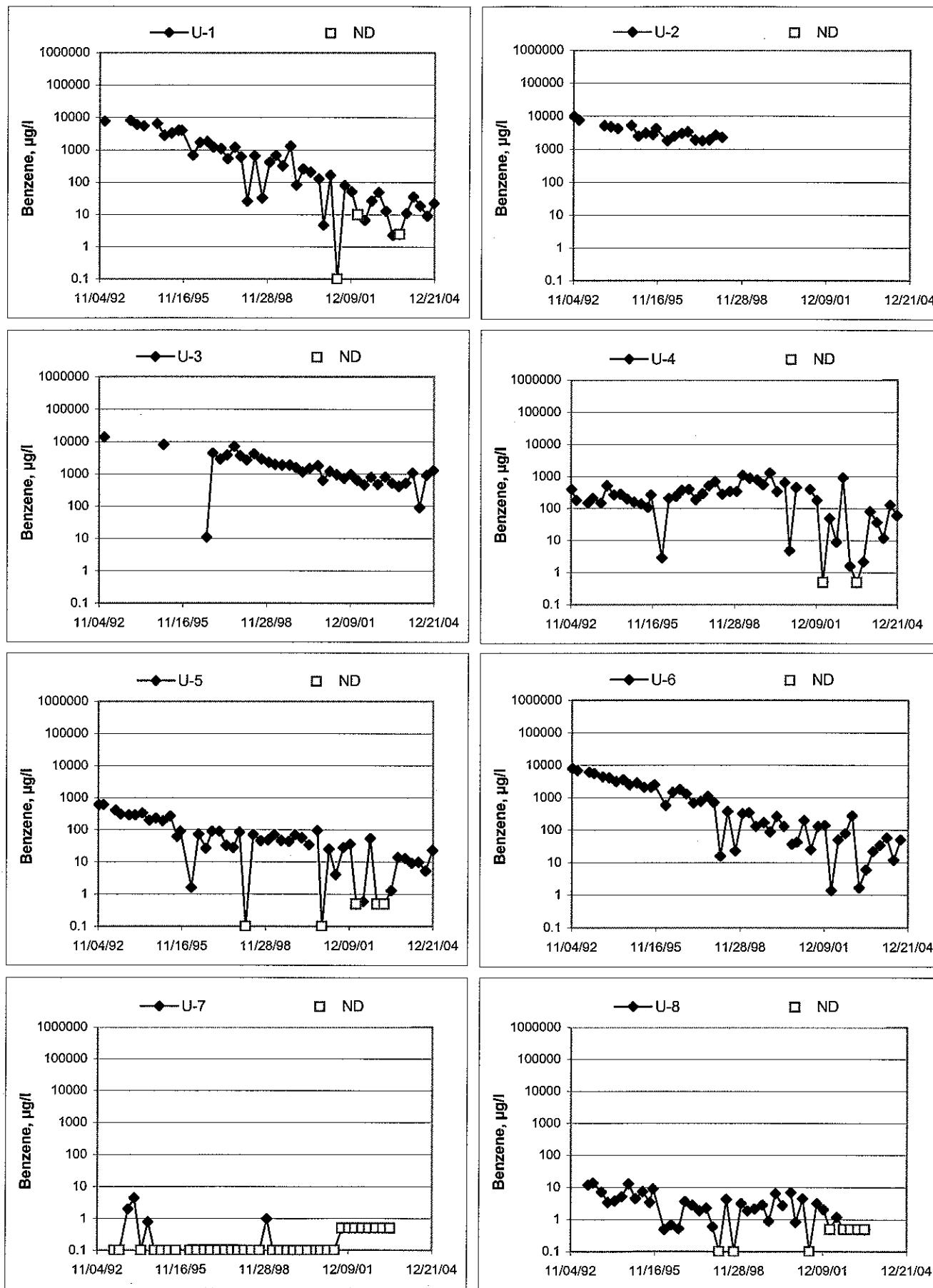
Groundwater Elevations vs. Time  
76 Station 3312



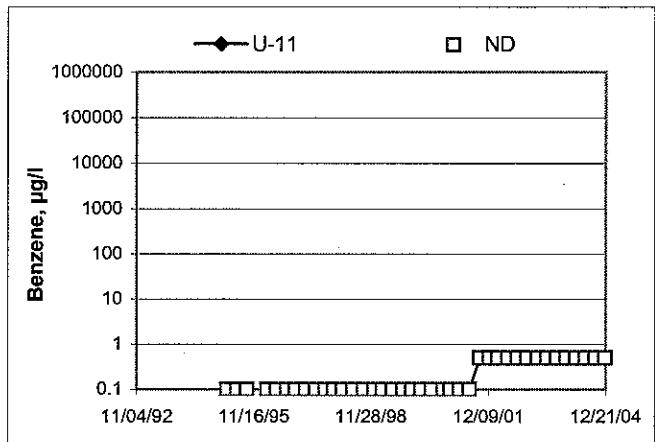
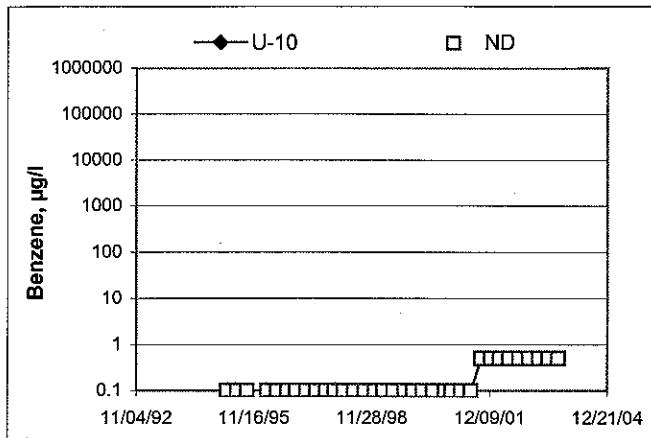
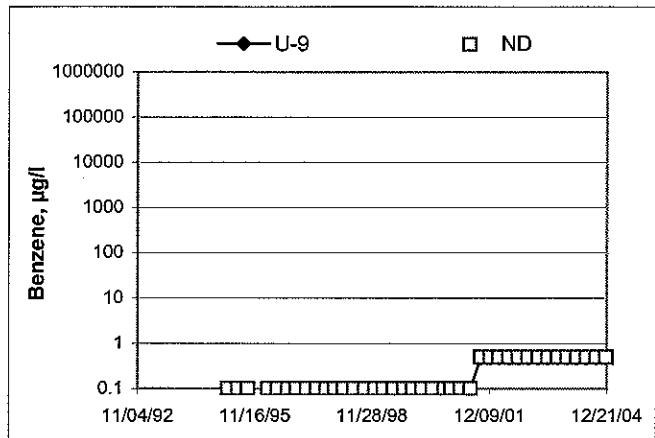
Groundwater Elevations vs. Time  
76 Station 3312



**Benzene Concentrations vs Time**  
76 Station 3312



**Benzene Concentrations vs Time**  
76 Station 3312



## GENERAL FIELD PROCEDURES

### **Groundwater Monitoring and Sampling Assignments**

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

### **Fluid Level Measurements**

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

### **Purging and Groundwater Parameter Measurement**

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

### **Groundwater Sample Collection**

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

### **Sequence of Gauging, Purging, and Sampling**

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

### **Decontamination**

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

### **Exceptions**

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

# FIELD MONITORING DATA SHEET

 Technician: Rick Libman

 Job #/Task #: 41050001/FA20

 Date: 12/14/04

 Site # 3312

 Project Manager A. Collins

 Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
WSW-725	—	—	—	—	—	—	1253	2"
WSW-700	—	—	—	—	—	—	N/S	NO ONE HOME
U-9	✓	0800	29.47	20.12	0	0	0940	2"
U-8	—	—	—	—	—	—	N/S	PAVED OVER
U-7	—	—	—	—	—	—	N/S	PAVED OVER
U-11	0834	29.68	19.33	0	0	0	1015	2"
U-10	—	—	—	22.15	—	—	N/S	UNABLE to LOCATE
U-5	✓	0640	27.74	18.59	0	0	1116	2"
U-1	✓	0647	29.58	18.52	0	0	1149	2" 2"
U-6	—	—	—	—	—	—	N/S	PAVED OVER
U-4	✓	0730	27.88	18.33	0	0	1050	2"
U-3	✓	0749	29.54	18.59	0	0	1213	2"
FIELD DATA COMPLETE		QA/QC	COC	WELL BOX CONDITION SHEETS				
✓	✓	✓	✓					
WTT CERTIFICATE	MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL					
✓	✓	✓	✓					

## **GROUNDWATER SAMPLING FIELD NOTES**

Site: 3312

Technician: RICK KIERAN

Project No.: 41050001

Date: 12/14/09

Well No.: 4-9

Depth to Water (feet): 20.12

Total Depth (feet): 29.47

Water Column (feet): 9.35

80% Recharge Depth (feet): 21.99

Purge Method: DIA

Depth to Product (feet): 8

LPH & Water Recovered (gallons): 100

Casing Diameter (Inches): 2"

1 Well Volume (gallons):

Well No.: U-11

Depth to Water (feet): 19.33

Total Depth (feet): 29.08

Water Column (feet): 9.35

80% Recharge Depth (feet): 23.00

Purge Method: DIA

Depth to Product (feet): 12

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 7

1 Well Volume (gallons): \_\_\_\_\_

## **GROUNDWATER SAMPLING FIELD NOTES**

Technician: RICK KIERAN

Site: 3312

Project No.: W1050001 Date: 12/14/04

Date: 12/14/04

Well No.: U-6

Purge Method: DIA <sup>KC</sup> NKS

Depth to Water (feet): \_\_\_\_\_

Depth to Product (feet): \_\_\_\_\_

Total Depth (feet): \_\_\_\_\_

LPH & Water Recovered (gallons): \_\_\_\_\_

Water Column (feet): \_\_\_\_\_

Casing Diameter (Inches): \_\_\_\_\_

80% Recharge Depth (feet): \_\_\_\_\_

1 Well Volume (gallons): \_\_\_\_\_

Well No.: U-4

Depth to Water (feet): 19.33

Total Depth (feet): 27.98

Water Column (feet): 9.55

80% Recharge Depth (feet): 7.04 ~~7.04~~ <sup>KL</sup>  
20.24

Purge Method: DIA

Depth to Product (feet): 8

LPH & Water Recovered (gallons): 8

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

## **GROUNDWATER SAMPLING FIELD NOTES**

Technician: ~~611050001~~ Rick KIERAN

Site: 3312

Project No.: 41050001 Date: 2/14/04

Date: 3/14/10

Well No.: U-5

Depth to Water (feet): 18.59

Total Depth (feet): 21.74

Water Column (feet): 9.15

80% Recharge Depth (feet): 3 (2.5)

Purge Method: DIA

Depth to Product (feet): \_\_\_\_\_

LPH & Water Recovered (gallons): 10

Casing Diameter (Inches): 2 1/2"

1 Well Volume (gallons): 140

Well No.: U-1

Depth to Water (feet): 18.52

Total Depth (feet): 29.50

Water Column (feet): 11-00

80% Recharge Depth (feet): 20.73

Purge Method: DIA

Depth to Product (feet): 8

LPH & Water Recovered (gallons): 100

Casing Diameter (Inches): 7

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1140			2	745	16.7	6.68		
			4	743	16.8	6.67		
			4	749	16.8	6.67		
1144			6	749	19.8	6.63		

## GROUNDWATER SAMPLING FIELD NOTES

Technician: RICK KIERAN

Site: 3312

Project No.: 41050001

Date: 12/14/04

Well No.: 11-3

Depth to Water (feet): 18.59

Total Depth (feet): 29.54

Water Column (feet): 10.95

80% Recharge Depth (feet): 20.78

Purge Method: DIA

Depth to Product (feet): \_\_\_\_\_

LPH & Water Recovered (gallons): 9

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

**Well No.:** \_\_\_\_\_

Purge Method: \_\_\_\_\_

**Depth to Water (feet):** \_\_\_\_\_

Depth to Product (feet): \_\_\_\_\_

Total Depth (feet): \_\_\_\_\_.

LPH & Water Recovered (gallons): \_\_\_\_\_

Water Column (feet): \_\_\_\_\_

Casing Diameter (Inches): \_\_\_\_\_

80% Recharge Depth (feet): \_\_\_\_\_

1 Well Volume (gallons): \_\_\_\_\_

## STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 12/14/04 STATION NUMBER: 3312

NAME OF TECH: Rick R. CALLED GORDON: \_\_\_\_\_

CALLED PM: X NAME OF PM CALLED: A. Collins

WELL NUMBER: U-6 STATEMENT FROM PM \_\_\_\_\_ OR TECH X

WELL PAVED OVER.

WELL NUMBER: U-7, U-8 STATEMENT FROM PM \_\_\_\_\_ OR TECH X

WELLS PAVED OVER.

WELL NUMBER: U-10 STATEMENT FROM PM \_\_\_\_\_ OR TECH X

UNABLE TO LOCATE.

WELL NUMBER: WSW-700 STATEMENT FROM PM \_\_\_\_\_ OR TECH X

ON RESIDENTIAL PROPERTY, AND NO ONE WAS HOME.

**TRC Alton Geoscience- Irvine**

December 30, 2004

21 Technology Drive

Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips #3312

Site: 1311 Fourth Street, Santa Rosa

Attached is our report for your samples received on 12/15/2004 16:10

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 01/29/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma  
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

**Gas/BTEX/MTBE by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
WSW-725	12/14/2004 12:53	Water	1
U-9	12/14/2004 09:40	Water	2
U-11	12/14/2004 10:15	Water	3
U-5	12/14/2004 11:16	Water	4
U-1	12/14/2004 11:49	Water	5
U-4	12/14/2004 10:50	Water	6
U-3	12/14/2004 12:13	Water	7

**Gas/BTEX/MTBE by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	WSW-725	Lab ID:	2004-12-0598 - 1
Sampled:	12/14/2004 12:53	Extracted:	12/23/2004 15:21
Matrix:	Water	QC Batch#:	2004/12/23-1D.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	12/23/2004 15:21	
Benzene	ND	0.50	ug/L	1.00	12/23/2004 15:21	
Toluene	ND	0.50	ug/L	1.00	12/23/2004 15:21	
Ethylbenzene	ND	0.50	ug/L	1.00	12/23/2004 15:21	
Total xylenes	ND	1.0	ug/L	1.00	12/23/2004 15:21	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/23/2004 15:21	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	99.4	73-130	%	1.00	12/23/2004 15:21	
Toluene-d8	98.0	81-114	%	1.00	12/23/2004 15:21	

## Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-9	Lab ID:	2004-12-0598 - 2
Sampled:	12/14/2004 09:40	Extracted:	12/24/2004 09:14
Matrix:	Water	QC Batch#:	2004/12/24-1A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	12/24/2004 09:14	
Benzene	ND	0.50	ug/L	1.00	12/24/2004 09:14	
Toluene	ND	0.50	ug/L	1.00	12/24/2004 09:14	
Ethylbenzene	ND	0.50	ug/L	1.00	12/24/2004 09:14	
Total xylenes	ND	1.0	ug/L	1.00	12/24/2004 09:14	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/24/2004 09:14	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	107.3	73-130	%	1.00	12/24/2004 09:14	
Toluene-d8	99.9	81-114	%	1.00	12/24/2004 09:14	

## Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-11	Lab ID:	2004-12-0598 - 3
Sampled:	12/14/2004 10:15	Extracted:	12/24/2004 09:32
Matrix:	Water	QC Batch#:	2004/12/24-1A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	12/24/2004 09:32	
Benzene	ND	0.50	ug/L	1.00	12/24/2004 09:32	
Toluene	ND	0.50	ug/L	1.00	12/24/2004 09:32	
Ethylbenzene	ND	0.50	ug/L	1.00	12/24/2004 09:32	
Total xylenes	ND	1.0	ug/L	1.00	12/24/2004 09:32	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/24/2004 09:32	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	108.2	73-130	%	1.00	12/24/2004 09:32	
Toluene-d8	99.3	81-114	%	1.00	12/24/2004 09:32	

**Gas/BTEX/MTBE by 8260B**

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21 Technology Drive  
Irvine, CA 92718

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Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-5	Lab ID:	2004-12-0598 - 4
Sampled:	12/14/2004 11:16	Extracted:	12/23/2004 17:32
Matrix:	Water	QC Batch#:	2004/12/23-1D-62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	3900	50	ug/L	1.00	12/23/2004 17:32	
Benzene	23	0.50	ug/L	1.00	12/23/2004 17:32	
Toluene	3.0	0.50	ug/L	1.00	12/23/2004 17:32	
Ethylbenzene	80	0.50	ug/L	1.00	12/23/2004 17:32	
Total xylenes	190	1.0	ug/L	1.00	12/23/2004 17:32	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/23/2004 17:32	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	106.2	73-130	%	1.00	12/23/2004 17:32	
Toluene-d8	95.5	81-114	%	1.00	12/23/2004 17:32	

## Gas/BTEX/MTBE by 8260B

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Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

Prep(s): 5030B  
Sample ID: U-1  
Sampled: 12/14/2004 11:49  
Matrix: Water  
Analysis Flag: L2 ( See Legend and Note Section )

Test(s): 8260B  
Lab ID: 2004-12-0598 - 5  
Extracted: 12/28/2004 09:41  
QC Batch#: 2004/12/28-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	6800	250	ug/L	5.00	12/28/2004 09:41	
Benzene	23	2.5	ug/L	5.00	12/28/2004 09:41	
Toluene	3.6	2.5	ug/L	5.00	12/28/2004 09:41	
Ethylbenzene	210	2.5	ug/L	5.00	12/28/2004 09:41	
Total xylenes	50	5.0	ug/L	5.00	12/28/2004 09:41	
tert-Butyl alcohol (TBA)	ND	25	ug/L	5.00	12/28/2004 09:41	
Methyl tert-butyl ether (MTBE)	5.8	2.5	ug/L	5.00	12/28/2004 09:41	
Di-isopropyl Ether (DIPE)	ND	5.0	ug/L	5.00	12/28/2004 09:41	
Ethyl tert-butyl ether (ETBE)	ND	2.5	ug/L	5.00	12/28/2004 09:41	
tert-Amyl methyl ether (TAME)	ND	2.5	ug/L	5.00	12/28/2004 09:41	
1,2-DCA	ND	0.5	ug/L	5.00	12/28/2004 09:41	
EDB	ND	0.5	ug/L	5.00	12/28/2004 09:41	
Ethanol	ND	50	ug/L	5.00	12/28/2004 09:41	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	103.5	73-130	%	5.00	12/28/2004 09:41	
Toluene-d8	90.3	81-114	%	5.00	12/28/2004 09:41	

## Gas/BTEX/MTBE by 8260B

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21 Technology Drive  
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Received: 12/15/2004 16:10

Conoco Phillips #3312

Site: 1311 Fourth Street, Santa Rosa

Prep(s): 5030B

Test(s): 8260B

Sample ID: U-4

Lab ID: 2004-12-0598 - 6

Sampled: 12/14/2004 10:50

Extracted: 12/23/2004 18:15

Matrix: Water

QC Batch#: 2004/12/23-1D.62

Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	5700	250	ug/L	5.00	12/23/2004 18:15	
Benzene	62	2.5	ug/L	5.00	12/23/2004 18:15	
Toluene	ND	2.5	ug/L	5.00	12/23/2004 18:15	
Ethylbenzene	270	2.5	ug/L	5.00	12/23/2004 18:15	
Total xylenes	21	5.0	ug/L	5.00	12/23/2004 18:15	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	12/23/2004 18:15	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	103.4	73-130	%	5.00	12/23/2004 18:15	
Toluene-d8	99.1	81-114	%	5.00	12/23/2004 18:15	

## Gas/BTEX/MTBE by 8260B

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Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
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Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

Prep(s): 5030B  
Sample ID: U-3  
Sampled: 12/14/2004 12:13  
Matrix: Water  
Analysis Flag: L2 ( See Legend and Note Section )

Test(s): 8260B  
Lab ID: 2004-12-0598 - 7  
Extracted: 12/28/2004 10:03  
QC Batch#: 2004/12/28-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	11000	1000	ug/L	20.00	12/28/2004 10:03	
Benzene	1300	10	ug/L	20.00	12/28/2004 10:03	
Toluene	11	10	ug/L	20.00	12/28/2004 10:03	
Ethylbenzene	400	10	ug/L	20.00	12/28/2004 10:03	
Total xylenes	340	20	ug/L	20.00	12/28/2004 10:03	
tert-Butyl alcohol (TBA)	120	100	ug/L	20.00	12/28/2004 10:03	
Methyl tert-butyl ether (MTBE)	420	10	ug/L	20.00	12/28/2004 10:03	
Di-isopropyl Ether (DIPE)	ND	20	ug/L	20.00	12/28/2004 10:03	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	20.00	12/28/2004 10:03	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	20.00	12/28/2004 10:03	
1,2-DCA	ND	0.5	ug/L	20.00	12/28/2004 10:03	
EDB	ND	0.5	ug/L	20.00	12/28/2004 10:03	
Ethanol	ND	50	ug/L	20.00	12/28/2004 10:03	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	103.4	73-130	%	20.00	12/28/2004 10:03	
Toluene-d8	97.4	81-114	%	20.00	12/28/2004 10:03	

## Gas/BTEX/MTBE by 8260B

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Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

## Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/12/23-1D.62-047

Water

Test(s): 8260B

QC Batch # 2004/12/23-1D.62

Date Extracted: 12/23/2004 13:47

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	12/23/2004 13:47	
Benzene	ND	0.5	ug/L	12/23/2004 13:47	
Toluene	ND	0.5	ug/L	12/23/2004 13:47	
Ethylbenzene	ND	0.5	ug/L	12/23/2004 13:47	
Total xylenes	ND	1.0	ug/L	12/23/2004 13:47	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/23/2004 13:47	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/23/2004 13:47	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	12/23/2004 13:47	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	12/23/2004 13:47	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	12/23/2004 13:47	
1,2-DCA	ND	0.5	ug/L	12/23/2004 13:47	
EDB	ND	0.5	ug/L	12/23/2004 13:47	
Ethanol	ND	50	ug/L	12/23/2004 13:47	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	107.2	73-130	%	12/23/2004 13:47	
Toluene-d8	97.4	81-114	%	12/23/2004 13:47	

## Gas/BTEX/MTBE by 8260B

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Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Received: 12/15/2004 16:10

Conoco Phillips #3312

Site: 1311 Fourth Street, Santa Rosa

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2004/12/24-1A.68

MB: 2004/12/24-1A.68-033

Date Extracted: 12/24/2004 08:33

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	12/24/2004 08:33	
Benzene	ND	0.5	ug/L	12/24/2004 08:33	
Toluene	ND	0.5	ug/L	12/24/2004 08:33	
Ethylbenzene	ND	0.5	ug/L	12/24/2004 08:33	
Total xylenes	ND	1.0	ug/L	12/24/2004 08:33	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/24/2004 08:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/24/2004 08:33	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	12/24/2004 08:33	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	12/24/2004 08:33	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	12/24/2004 08:33	
1,2-DCA	ND	0.5	ug/L	12/24/2004 08:33	
EDB	ND	0.5	ug/L	12/24/2004 08:33	
Ethanol	ND	50	ug/L	12/24/2004 08:33	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	99.2	73-130	%	12/24/2004 08:33	
Toluene-d8	94.6	81-114	%	12/24/2004 08:33	

## Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2004/12/28-1B.64

MB: 2004/12/28-1B.64-000

Date Extracted: 12/28/2004 08:00

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	12/28/2004 08:00	
Benzene	ND	0.5	ug/L	12/28/2004 08:00	
Toluene	ND	0.5	ug/L	12/28/2004 08:00	
Ethylbenzene	ND	0.5	ug/L	12/28/2004 08:00	
Total xylenes	ND	1.0	ug/L	12/28/2004 08:00	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/28/2004 08:00	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/28/2004 08:00	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	12/28/2004 08:00	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	12/28/2004 08:00	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	12/28/2004 08:00	
1,2-DCA	ND	0.5	ug/L	12/28/2004 08:00	
EDB	ND	0.5	ug/L	12/28/2004 08:00	
Ethanol	ND	50	ug/L	12/28/2004 08:00	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	105.0	73-130	%	12/28/2004 08:00	
Toluene-d8	101.6	81-114	%	12/28/2004 08:00	

**Gas/BTEX/MTBE by 8260B**

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike****Water****QC Batch # 2004/12/23-1D.62**

LCS 2004/12/23-1D.62-026

Extracted: 12/23/2004

Analyzed: 12/23/2004 13:26

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.1		25	100.4		65-165	20			
Benzene	24.8		25	99.2		69-129	20			
Toluene	24.9		25	99.6		70-130	20			
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	491		500	98.2		73-130				
Toluene-d8	499		500	99.8		81-114				

**Gas/BTEX/MTBE by 8260B**

TRC Alton Geoscience- Irvine  
Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike****Water**

QC Batch # 2004/12/24-1A.68

LCS 2004/12/24-1A.68-016

Extracted: 12/24/2004

Analyzed: 12/24/2004 08:16

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.8		25	103.2			65-165	20		
Benzene	25.6		25	102.4			69-129	20		
Toluene	25.6		25	102.4			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	400		500	80.0			73-130			
Toluene-d8	490		500	98.0			81-114			

**Gas/BTEX/MTBE by 8260B**

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Irvine, CA 92718  
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Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike****Water****QC Batch # 2004/12/28-1B.64**

LCS 2004/12/28-1B.64-038

Extracted: 12/28/2004

Analyzed: 12/28/2004 07:38

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.2		25	104.8			65-165	20		
Benzene	25.8		25	103.2			69-129	20		
Toluene	26.7		25	106.8			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	500		500	100.0			73-130			
Toluene-d8	502		500	100.4			81-114			

## Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

## Matrix Spike ( MS / MSD )

## Water

## QC Batch # 2004/12/23-1D.62

WSW-725 &gt;&gt; MS

Lab ID: 2004-12-0598 - 001

MS: 2004/12/23-1D.62-043

Extracted: 12/23/2004

Analyzed: 12/23/2004 15:43

MSD: 2004/12/23-1D.62-005

Extracted: 12/23/2004

Dilution: 1.00

Analyzed: 12/23/2004 16:05

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Benzene	23.7	20.5	ND	25	94.8	82.0	14.5	69-129	20		
Toluene	24.6	21.7	ND	25	98.4	86.8	12.5	70-130	20		
Methyl tert-butyl ether	23.7	21.9	ND	25	94.8	87.6	7.9	65-165	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	476	493		500	95.1	98.7		73-130			
Toluene-d8	489	483		500	97.8	96.5		81-114			

## Gas/BTEX/MTBE by 8260B

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

## Matrix Spike ( MS / MSD )

## Water

## QC Batch # 2004/12/24-1A.68

## MS/MSD

Lab ID: 2004-12-0632 - 001

MS: 2004/12/24-1A.68-045

Extracted: 12/24/2004

Analyzed: 12/24/2004 10:45

MSD: 2004/12/24-1A.68-003

Extracted: 12/24/2004

Dilution: 1.00

Analyzed: 12/24/2004 11:03

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	25.9	26.3	ND	25	103.6	105.2	1.5	69-129	20		
Toluene	27.3	26.7	ND	25	109.2	106.8	2.2	70-130	20		
Methyl tert-butyl ether	84.6	83.4	54.4	25	120.8	116.0	4.1	65-165	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	401	418		500	80.1	83.6		73-130			
Toluene-d8	508	510		500	101.6	102.0		81-114			

**Gas/BTEX/MTBE by 8260B**

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Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )****Water****QC Batch # 2004/12/28-1B.64**

MS/MSD

Lab ID: 2004-12-0719 - 001

MS: 2004/12/28-1B.64-057

Extracted: 12/28/2004

Analyzed: 12/28/2004 08:57

MSD: 2004/12/28-1B.64-019

Extracted: 12/28/2004

Dilution: 1.00

Analyzed: 12/28/2004 09:19

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	41.5	40.2	9.37	25	128.5	123.3	4.1	65-165	20		
Benzene	28.4	25.5	ND	25	113.6	102.0	10.8	69-129	20		
Toluene	28.7	26.1	ND	25	114.8	104.4	9.5	70-130	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	522	547		500	104.5	109.4		73-130			
Toluene-d8	501	502		500	100.3	100.4		81-114			

**Gas/BTEX/MTBE by 8260B**

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21 Technology Drive  
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #3312

Received: 12/15/2004 16:10

Site: 1311 Fourth Street, Santa Rosa

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**Legend and Notes**

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**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present  
in the sample.

**SEVERN**  
**TRENT** STL

**STL San Francisco**

## Sample Receipt Checklist

Submission #:2004- 12 - 0598

Checklist completed by: (initials) DSH Date: 12/16/04

Courier name:  STL San Francisco  Client \_\_\_\_\_

Custody seals intact on shipping container/samples

Yes  No  Not Present

Chain of custody present?

Yes  No

Chain of custody signed when relinquished and received?

Yes  No

Chain of custody agrees with sample labels?

Yes  No

Samples in proper container/bottle?

Yes  No

Sample containers intact?

Yes  No

Sufficient sample volume for indicated test?

Yes  No

All samples received within holding time?

Yes  No

Container/Temp Blank temperature in compliance (4°C ± 2)?

Temp: 2 °C Yes  No

Potential reason for > 6°C - Ice melted  Ice in bags  Not enough ice  Not enough blue ice  Samples in boxes

Sampled < 4hr. ago?  (Ice not required (e.g. air or bulk sample))

Ice Present Yes  No

Water - VOA vials have zero headspace?

No VOA vials submitted  Yes  No

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~○), M (medium ~ ○) or L (large ~ ○)

Water - pH acceptable upon receipt?  Yes  No

pH adjusted - Preservative used:  HNO<sub>3</sub>  HCl  H<sub>2</sub>SO<sub>4</sub>  NaOH  ZnOAc - Lot #(s) \_\_\_\_\_

For any item check-listed "No", provided detail of discrepancy in comment section below:

**Comments:** \_\_\_\_\_

### Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) \_\_\_\_\_ Date: \_\_\_\_\_ / \_\_\_\_\_ /04 Client contacted:  Yes  No

Summary of discussion: \_\_\_\_\_

Corrective Action (per PM/Client): \_\_\_\_\_

## STL-San Francisco

## ConocoPhillips Chain Of Custody Record

ConocoPhillips Site Manager:		INVOICE REMITTANCE ADDRESS:																																												
1220 Quarry Lane Pleasanton, CA 94566 (925) 484-1919 (925) 484-1096 fax		Attn: Dee Hutchinson 3611 South Harbor, Suite 200																																												
<b>2004-12-0598</b>		Santa Ana, CA, 92704																																												
SAMPLING COMPANY: <b>TRC</b>	Valid Value ID: <b>3312</b>	SITE ADDRESS (Street and City): <b>1311 Fourth St.</b>	DATE: <b>12/14/04</b>																																											
ADDRESS: <b>21 Technology Drive, Irvine CA 92618</b>	PROJECT CONTACT (Hardcopy or PDF Report to): <b>Anju Farfan</b>	EDD DELIVERABLE TO (IP or Designee): <b>Peter Thomson, TRC</b>	PAGE: <b>1</b> of <b>1</b>																																											
TELEPHONE: <b>949-341-7440</b>	FAX: <b>949-753-0111</b>	EMAIL: <b>afarfan@trcsolutions.com</b>	PHONE NO.: <b>949-341-7408</b>																																											
SAMPLER NAME(S) (Print): <b>Dick</b>	CONSULTANT PROJECT NUMBER: <b>41050001/FA20</b>	REQUESTED ANALYSES																																												
TURNAROUND TIME (CALENDAR DAY(S)): <input type="checkbox"/> 14 DAYS <input checked="" type="checkbox"/> 7 DAYS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS		8015m - TPHd Extractable 8260B - TPHg / BTEx / 8 Oxygenates 8260B - TPHg / BTEx / 8 Oxygenates + methanol (8015M) 8260B - Full Scan VOCs (does not include oxygenates) 8270C - Semi-Volatiles 8015M / 8021B - TPHg/BTEX/MBE Lead DTotal DSTLC DTCP TPPA By 8260B BTx/MTe By 8260B																																												
SPECIAL INSTRUCTIONS OR NOTES:  <b>Run 8 OXYS on all MTBE hits</b>		FIELD NOTES:  <b>20 C</b> TEMPERATURE ON RECEIPT C°																																												
* Field Point name only required if different from Sample ID <table border="1"> <thead> <tr> <th rowspan="2">Lab Use Only</th> <th rowspan="2">Sample Identification/Field Point Name*</th> <th colspan="2">SAMPLING</th> <th rowspan="2">No. of Cont.</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>Matrix</th> </tr> </thead> <tbody> <tr> <td></td> <td>WSW-725</td> <td>12/14/04</td> <td>10:33 AM</td> <td>3</td> </tr> <tr> <td></td> <td>U-9</td> <td>12/14/04</td> <td>10:15</td> <td></td> </tr> <tr> <td></td> <td>U-11</td> <td>12/14/04</td> <td>11:16</td> <td></td> </tr> <tr> <td></td> <td>U-5</td> <td>12/14/04</td> <td>11:19</td> <td></td> </tr> <tr> <td></td> <td>U-1</td> <td>12/14/04</td> <td>10:50</td> <td></td> </tr> <tr> <td></td> <td>U-4</td> <td>12/14/04</td> <td>12:13</td> <td></td> </tr> <tr> <td></td> <td>U-3</td> <td>12/14/04</td> <td>12:13</td> <td></td> </tr> </tbody> </table>				Lab Use Only	Sample Identification/Field Point Name*	SAMPLING		No. of Cont.	Date	Time	Matrix		WSW-725	12/14/04	10:33 AM	3		U-9	12/14/04	10:15			U-11	12/14/04	11:16			U-5	12/14/04	11:19			U-1	12/14/04	10:50			U-4	12/14/04	12:13			U-3	12/14/04	12:13	
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Received by: (Signature) <b>John D.</b>	Received by: (Signature) <b>Delegated</b>	Received by: (Signature) <b>John D.</b>	Time: <b>1450</b>																																											
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## **STATEMENTS**

### **Purge Water Disposal**

Non-hazardous groundwater produced during purging and sampling was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

### **Limitations**

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.